

Office of the Chief Medical Examiner Annual Report 2020



Commonwealth of Virginia
Virginia Department of Health
Office of the Chief Medical Examiner
Compiled by Kathrin 'Rosie' Hobron, MPH
March 2022

Office of the Chief Medical Examiner

Annual Report 2020

Chief Medical Examiner: William T. Gormley, MD, PhD

CENTRAL DISTRICT

400 East Jackson Street
Richmond, VA 23219
(804) 786-3174

OCME_CENT@vdh.virginia.gov

Assistant Chief Medical Examiners

Jennifer Bowers, MD
Jeffery Gofton, MD
Renee Robinson, MD
Chrystal Van Dusen, MD

NORTHERN DISTRICT

10850 Pyramid Place, Suite 121
Manassas, VA 20110
(703) 530-2600

OCME_NOVA@vdh.virginia.gov

Assistant Chief Medical Examiners[¥]

Carmen Coles, MD
Meghan Kessler, DO
Gene Maya, MD

<http://www.vdh.virginia.gov/medical-examiner/>

TIDEWATER DISTRICT

830 Southampton Ave., Suite 100
Norfolk, VA 23510
(757) 683-8366

OCME_Tide@vdh.virginia.gov

Assistant Chief Medical Examiners[§]

Clare Bryce, MD
Wendy M. Gunther, MD
Elizabeth L. Kinnison, MD
Nicole Masian, MD

WESTERN DISTRICT

6600 Northside High School Road
Roanoke, VA 24019
(540) 561-6615

OCME_West@vdh.virginia.gov

Assistant Chief Medical Examiners^{*}

Eli Goodman, MD
Sara Ohanessian, MD
Amy Tharp, MD

[¥] Jocelyn Posthumus, MD, was an Assistant Chief Medical Examiner for the Northern District in 2020

[§] Gary Zientek, MD, was an Assistant Chief Medical Examiner for the Tidewater District in 2020

^{*} Gayle Suzuki, MD, was an Assistant Chief Medical Examiner for the Western District in 2020

INTRODUCTION

Executive Summary

The Virginia Department of Health, Office of the Chief Medical Examiner (OCME) is proud to present the 2020 Annual Report. In addition to fulfilling accreditation requirements for the Virginia OCME by the National Association of Medical Examiners (NAME), the OCME Annual Report provides specific information about deaths occurring in the Commonwealth of Virginia during the 2020 calendar year and investigated by the OCME. This information is a valuable resource for Virginia's citizens and leaders to identify trends in preventable deaths, which can be used to protect the lives of all Virginians through education and changes in public policy.

As a model statewide death investigation system with four district offices, the OCME fulfills a core function mandated by Code of Virginia, § 32.1-283. By Code, the OCME is tasked with investigating the deaths of individuals who died in Virginia from trauma or violence, when sudden and unexpected, while unattended by a physician, under suspicious circumstances or in the custody of law enforcement or other state or local authority. When deaths are reported to one of the four district OCME offices, the case information is entered into the Virginia Medical Examiner Database (VMEDS) and the case is managed through this statewide data system allowing for consistent, reliable data that can be reviewed and interpreted for the annual report.

The COVID-19 pandemic began in Virginia in March 2020 and came with countless impacts to the healthcare industry, which include those working in the fatality management field, like the OCME. Similar to the rest of the United States and the world, Virginia experienced---and continues to experience at the time of this publication---a substantial increase in deaths over the expected number of deaths based on pre-pandemic numbers. The difference in numbers between expected deaths (pre pandemic) forecasted through 2020 as if the pandemic never happened, from actual certified deaths experienced through 2020, are known as excess deaths. A large portion of these excess deaths since the pandemic began can be explained by COVID-19 fatalities (which by Code of Virginia, do not fall under OCME jurisdiction); however, a separate portion of the excess deaths were seen among OCME cases and were not due to COVID-19 infections, but instead, things like increases in fatal drug overdoses, homicides, and other causes.

The impacts of the COVID-19 on fatality statistics continue to be seen well into 2022 and may last well until the pandemic is declared over and the virus is considered endemic. It should be expected that rate calculations using population estimates and mortality statistics from the pandemic period will be affected.

Some of the important trends in 2020 among OCME cases include:

- Among manners of death, all categories increased in 2020 compared to 2019. Notably, accidents, homicides, and natural deaths under OCME jurisdiction all increased around 20% in 2020 compared to the previous year
- Accidental Deaths
 - Accidental deaths have been increasing in Virginia since 2011. In 2020, the number of accidental deaths increased 20.5% compared to 2019 (with rates of 52.2 and 43.6 per 100,000 persons, respectively)
 - Of all deaths investigated by the OCME in 2020, 51.6% (n=4,484) were accidents
 - Males, both Black and White, had the highest rates of accidents, all causes (91.6 and 75.8 per 100,000, respectively)
 - Over 48% (n=2,168) of all accidental deaths were due to fatal drug overdoses
- Homicides
 - The number of homicides in 2020 increased 19.1% from the previous year
 - The number of gun-related homicides in 2020 increased 29.5% compared to 2019 (457 and 353 deaths, respectively)
 - Black males and males aged 20-24 years had the highest homicide rate in 2020 (38.3 and 28.1 per 100,000, respectively). Black males were victims of homicide at a rate 10.9 times that of White males, 9.8 times that of Hispanic males, and 7.8 times that of Black females
 - Richmond City had both the largest number of homicides by locality of residence and locality of injury (n=57 and n=77, respectively). Petersburg had both the highest homicide rate by locality of residence by location of injury (52.6 and 72.3 per 100,000, respectively)
- Suicides
 - In 2020, Whites committed suicide at a rate 4.5 times that of Hispanics, 3.0 times that of Asians, and 2.1 times that of Black populations
- Fatal motor vehicle collisions

- Black males and males 85+ years had the highest rate of fatal motor vehicle collisions (25.9 and 35.6 per 100,000, respectively)
- Fatal drug overdoses
 - The number of drug/poisoning deaths in 2020 increased by 41.8% compared to 2019 (rate of 26.9 and 19.1 per 100,000 persons, respectively)
 - For the second year in a row, Black males had the highest rate of fatal drug overdoses, all substances, followed by White males (52.3 and 38.7 per 100,000, respectively)
 - Fatal fentanyl and/or heroin overdoses surpassed prescription opioid (excluding fentanyl) overdoses in 2015 and this trend continued at a greater magnitude in 2020
 - Nearly 98% of all fatal opioid overdoses in 2020 were accidents
 - In 2020, fentanyl (Rx, illicit, and analogs) was responsible for 71.8% of all fatal overdoses, all substances
- Gun-related deaths
 - The majority (59.4%) of gun-related deaths were due to suicide in 2020, similar to previous years

Office of the Chief Medical Examiner

Annual Report 2020

Virginia Department of Health

Commonwealth of Virginia

TABLE OF CONTENTS

| | |
|---|----|
| INTRODUCTION | 1 |
| Executive Summary | 1 |
| TABLE OF CONTENTS | 4 |
| Introduction | 16 |
| Data Collection and Preparation | 16 |
| Statistical Summary | 16 |
| OVERVIEW – OFFICE OF THE CHIEF MEDICAL EXAMINER | 17 |
| Jurisdictional Authority | 17 |
| Medicolegal Mission | 18 |
| Public Health Mission | 18 |
| Virginia Demographics in 2020 | 19 |
| Division of Death Prevention, Fatality Review and Surveillance Programs | 19 |
| Virginia Violent Death Reporting System (VVDRS) | 19 |
| The Overdose Data to Action (OD2A) | 20 |
| Domestic Violence Fatality Review | 20 |
| State Child Fatality Review Team | 20 |
| Infant and Child Mortality Surveillance | 21 |
| Regional Child Fatality Review Teams | 21 |
| Virginia’s Pregnancy-Associated Mortality Surveillance System (PAMSS) and Maternal Mortality Review Team (MMRT) | 22 |
| Virginia’s Sudden Death in the Young (SDY) Project | 23 |

| | |
|--|----|
| Adult Fatality Review | 24 |
| Local and Regional Overdose Fatality Review | 24 |
| Training and Education | 26 |
| Forensic Pathology Training Programs | 26 |
| National Association of Medical Examiners Accreditation | 27 |
| SECTION 1: TOTAL OCME CASES (N=8,684) | 29 |
| Figure 1.1 Number and Rate of OCME Cases by Year of Death, 1999-2020 | 29 |
| Figure 1.2 Number of OCME Cases by Manner of Death, 1999-2020 | 30 |
| Figure 1.3 Percentage of OCME Cases by Manner of Death, 2020 | 30 |
| Table 1.1 Number of OCME Cases by District and Manner of Death, 2020 | 31 |
| Table 1.2 Number of OCME Cases by Autopsy Status and District, 2020 | 31 |
| Table 1.3 Number of OCME Cases by Manner of Death and Autopsy Status, 2020 | 31 |
| Table 1.4 Number of OCME Cases by Age Group and Autopsy Status, 2020 | 32 |
| Table 1.5 Number and Percentage of OCME Cases by Race/Ethnicity, 2020 | 32 |
| Figure 1.4 Number of OCME Cases by Manner of Death and Race/Ethnicity, 2020 | 33 |
| Figure 1.5 Number of OCME Cases by Age Group, 2020 | 34 |
| Table 1.6 Number and Percentage of OCME Cases by Gender, 2020 | 34 |
| Table 1.7 Number and Percentage of OCME Cases by Manner of Death and Gender, 2020 | 35 |
| Figure 1.6 Number and Rate of OCME Cases by Manner of Death and Gender, 2020 | 35 |
| Table 1.8 Number of OCME Cases by Manner of Death, Gender, and Age Group, 2020 | 36 |
| Figure 1.7 Number of OCME Cases by Month of Death, 2020 | 37 |
| Figure 1.8 Number of OCME Cases by Month and Manner of Death, 2020 | 37 |
| Figure 1.9 Number of OCME Cases by Day of Death, 2020 | 38 |
| Figure 1.10 Number of OCME Cases by Day and Manner of Death, 2020 | 38 |
| Table 1.9 Number and Rate of OCME Cases by Manner of Death and Locality of Residence, 2020 | 39 |
| Map 1.1 Number of OCME Cases by Locality of Residence, 2020 | 44 |
| Map 1.2 Rates of OCME Cases by Locality of Residence, 2020 | 45 |
| Table 1.10 Number and Rate of OCME Cases by Manner of Death and Locality of Injury, 2020 | 46 |
| Map 1.3 Number of OCME Cases by Locality of Injury, 2020 | 51 |
| Map 1.4 Rate of OCME Cases by Locality of Injury, 2020 | 52 |

| | |
|---|----|
| Table 1.11 Number of OCME Cases by Manner of Death and Locality of Death, 2020 | 53 |
| Map 1.5 Number of OCME Cases by Locality of Death, 2020 | 57 |
| SECTION 2: MANNERS OF DEATH | 58 |
| ACCIDENTAL DEATHS (N=4,484) | 58 |
| Figure 2.1 Number and Rate of Accidental Deaths by Year of Death, 1999-2020 | 58 |
| Figure 2.2 Number and Rate of Accidental Deaths by Age Group and Gender, 2020 | 59 |
| Figure 2.3 Percentage of Accidental Deaths by Race/Ethnicity, 2020..... | 59 |
| Figure 2.4 Number and Rate of Accidental Deaths by Race/Ethnicity and Gender, 2020 | 60 |
| Table 2.1 Number of Accidental Death Cases by Cause and Method of Death, 2020 | 61 |
| Table 2.2 Number and Rate of the Top Five Accidental Methods of Death by Age Group, 2020 | 63 |
| | 63 |
| Figure 2.5 Number of Accidental Deaths by Age Group and Ethanol Level (N=3,188), 2020 | 64 |
| Figure 2.6 Number of Accidental Deaths by Ethanol Level and Gender (N=3,188), 2020 | 64 |
| Figure 2.7 Number of the Top 5 Accidental Methods of Death by Ethanol Level, 2020..... | 65 |
| Figure 2.8 Number of Accidental Deaths by Month of Death, 2020 | 66 |
| Figure 2.9 Number of Accidental Deaths by Day of Death, 2020 | 66 |
| Table 2.3 Number of Accidental Deaths by Locality of Injury and Year of Death, 2006-2020..... | 67 |
| HOMICIDE DEATHS (N=549) | 72 |
| Figure 2.10 Number and Rate of Homicide Deaths by Year of Death, 1999-2020..... | 72 |
| Figure 2.11 Number and Rate of Homicide Deaths by Age Group and Gender, 2020 | 73 |
| Figure 2.12 Percentage of Homicide Deaths by Race/Ethnicity, 2020 | 73 |
| Figure 2.13 Number and Rate of Homicide Deaths by Race/Ethnicity and Gender, 2020..... | 74 |
| Table 2.4 Number of Homicide Deaths by Cause and Method of Death, 2020 | 75 |
| Figure 2.14 Number of the Leading Homicide Deaths by Method, 2020..... | 76 |
| Figure 2.15 Number of Homicide Deaths by Ethanol Level and Gender (N=523), 2020..... | 76 |
| Figure 2.16 Number of Homicide Deaths by Age Group and Ethanol Level (N=523), 2020..... | 77 |
| Table 2.5 Number of Homicide Deaths by Method of Death and Ethanol Level (N=523), 2020 . | 78 |
| Figure 2.17 Number of Homicide Deaths by Month of Death, 2020..... | 79 |
| Figure 2.18 Number of Homicide Deaths by Day of Death, 2020 | 79 |
| Table 2.6 Number and Rate of Homicide Deaths by Locality of Residence, 2020 | 80 |
| Table 2.7 Top 10 Localities with the Largest Number of Residential Homicides, 2020 | 82 |

| | |
|--|-----|
| Table 2.8 Top 10 Localities with the Highest Rate of Residential Homicides, 2020..... | 82 |
| Map 2.1 Number of Homicides by Locality of Residence, 2020 | 83 |
| Map 2.2 Homicide Rates by Locality of Residence, 2020 | 84 |
| Table 2.9 Number and Rate of Homicide Deaths by Locality of Injury, 2020..... | 85 |
| Table 2.10 Top 10 Localities with the Largest Number of Homicides by Locality of Injury, 2020 | 87 |
| Table 2.11 Top 10 Localities with the Highest Rate of Homicide by Locality of Injury, 2020..... | 87 |
| Map 2.3 Number of Homicides by Locality of Injury, 2020 | 88 |
| Map 2.4 Homicide Rates by Locality of Injury, 2020 | 89 |
| Table 2.12 Number of Homicide Deaths by Locality of Death and Year of Death, 2006-2020 | 90 |
| NATURAL DEATHS (N=2,246) | 95 |
| Figure 2.19 Number and Rate of Natural Deaths Investigated by the OCME by Year of Death, 1999-2020 | 95 |
| Figure 2.20 Number of Natural Deaths Investigated by the OCME by Age Group and Gender, 2020 | 96 |
| Table 2.13 Number of Natural Deaths Investigated by the OCME by Cause and Method of Death, 2020 | 97 |
| SUICIDE DEATHS (N=1,209)..... | 99 |
| Figure 2.21 Number and Rate of Suicide Deaths by Year of Death, 1999-2020..... | 99 |
| Figure 2.22 Number and Rate of Suicide Deaths by Age Group and Gender, 2020..... | 100 |
| Figure 2.23 Percentage of Suicide Deaths by Race/Ethnicity, 2020 | 100 |
| Figure 2.24 Number and Rate of Suicide Deaths by Race/Ethnicity and Gender, 2020..... | 101 |
| Table 2.14 Number of Suicide Deaths by Cause and Method of Death, 2020 | 102 |
| Figure 2.25 Number of Suicide Deaths by Age Group and Ethanol Level (N=439), 2020 | 103 |
| Figure 2.26 Number of Suicide Deaths by Gender and Ethanol Level (N=439), 2020..... | 103 |
| Table 2.15 Number of Suicide Deaths by Method of Death and Ethanol Level (N=439), 2020 . | 104 |
| Figure 2.27 Number of Suicide Deaths by Month of Death, 2020 | 105 |
| Figure 2.28 Number of Suicide Deaths by Day of the Week, 2020 | 105 |
| Table 2.16 Number and Rate of Suicide Deaths by Locality of Residence, 2020 | 106 |
| Map 2.5 Number of Suicides by Locality of Residence, 2020 | 108 |
| Map 2.6 Suicide Rates by Locality of Residence, 2020 | 109 |
| Table 2.17 Number of Suicide Deaths by Locality of Injury and Year of Death, 2006-2020 | 110 |

| | |
|---|-----|
| UNDETERMINED DEATHS (N=187)..... | 115 |
| Figure 2.29 Number and Rate of Undetermined Deaths by Year of Death, 1999-2020 | 115 |
| Figure 2.30 Number and Rate of Undetermined Deaths by Age Group and Gender, 2020 | 116 |
| Figure 2.31 Percentage of Undetermined Deaths by Race/Ethnicity, 2020..... | 116 |
| Table 2.18 Number of Undetermined Deaths by Cause of Death, 2020..... | 117 |
| SECTION 3: DEATHS OF CHILDREN (N=344)..... | 118 |
| Figure 3.1 Number of Child Deaths by Manner, 2020 | 118 |
| Figure 3.2 Number of Child Deaths by Age and Gender, 2020..... | 119 |
| Figure 3.3 Percentage of Child Deaths by Race/Ethnicity, 2020 | 119 |
| Figure 3.4 Number and Rate of Child Deaths by Gender and Race/Ethnicity, 2020 | 120 |
| Figure 3.5 Number of Child Deaths by Manner and Race/Ethnicity, 2020 | 120 |
| Figure 3.6 Number of Child Deaths by Manner and Age Group, 2020..... | 121 |
| ACCIDENTAL CHILD DEATHS (N=100) | 122 |
| Figure 3.7 Number and Rate of Accidental Child Deaths by Year, 2003-2020 | 122 |
| Figure 3.8 Number and Rate of Accidental Child Deaths by Age Group and Gender, 2020 | 123 |
| Figure 3.9 Percentage of Accidental Child Deaths by Race/Ethnicity, 2020 | 123 |
| Figure 3.10 Number and Rate of Accidental Child Deaths by Gender and Race/Ethnicity, 2020 | 124 |
| Figure 3.11 Number of Accidental Child Deaths by Month of Death, 2020 | 125 |
| Figure 3.12 Number of Accidental Child Deaths by Day of Week, 2020 | 125 |
| Table 3.1 Number of Accidental Child Deaths by Cause and Method of Death, 2020..... | 126 |
| CHILD HOMICIDE DEATHS (N=58)..... | 127 |
| Figure 3.13 Number and Rate of Child Homicide Deaths by Year, 1999-2020..... | 127 |
| Figure 3.14 Number of Child Homicide Deaths by Age and Gender, 2020 | 128 |
| Figure 3.15 Percentage of Child Homicide Deaths by Race/Ethnicity, 2020 | 128 |
| Figure 3.16 Number and Rate of Child Homicide Deaths by Gender and Race/Ethnicity, 2020 | 129 |
| Figure 3.17 Number of Child Homicide Deaths by Month of Death, 2020 | 130 |
| Figure 3.18 Number of Child Homicide Deaths by Day of the Week, 2020 | 130 |
| Table 3.2 Number of Child Homicide Deaths by Cause and Method of Death, 2020 | 131 |
| NATURAL CHILD DEATHS (N=35) | 132 |
| Figure 3.19 Number of Natural Child Deaths by Age Group and Gender, 2020 | 132 |

| | |
|--|-----|
| Figure 3.20 Percentage of Natural Child Deaths by Race/Ethnicity, 2020 | 133 |
| Figure 3.21 Number of OCME SIDS Cases by Year of Death, 2003-2020 | 133 |
| Table 3.3 Number of Natural Child Deaths by Cause and Method of Death, 2020 | 134 |
| CHILD SUICIDE DEATHS (N=51) | 135 |
| Figure 3.22 Number and Rate of Child Suicide Deaths by Year, 1999-2020 | 135 |
| Figure 3.23 Number of Child Suicide Deaths by Age and Gender, 2020 | 136 |
| Figure 3.24 Percentage of Child Suicide Deaths by Race/Ethnicity, 2020 | 136 |
| Figure 3.25 Number and Rate of Child Suicide Deaths by Gender and Race/Ethnicity, 2020 ... | 137 |
| Figure 3.26 Number of Child Suicide Deaths by Month, 2020 | 138 |
| Figure 3.27 Number of Child Suicide Deaths by Day of the Week, 2020 | 138 |
| Table 3.4 Number of Child Suicide Deaths by Cause and Method of Death, 2020 | 139 |
| UNDETERMINED CHILD DEATHS (N=100) | 140 |
| Figure 3.28 Number and Rate of Undetermined Child Deaths by Year, 2006-2020 | 140 |
| Figure 3.29 Number of Undetermined Child Deaths by Age and Gender, 2020 | 141 |
| Figure 3.30 Percentage of Undetermined Child Deaths by Race/Ethnicity, 2020 | 141 |
| Figure 3.31 Number and Rate of Undetermined Child Deaths by Gender and Race/Ethnicity, 2020 | 142 |
| Table 3.5 Number of Undetermined Child Deaths by Cause and Method of Death, 2020 | 143 |
| SECTION 4: MOTOR VEHICLE FATALITIES (N=984) | 144 |
| Figure 4.1 Number and Rate of Motor Vehicle Deaths by Year, 2003-2020 | 144 |
| Figure 4.2 Percentage of Motor Vehicle Deaths by Manner, 2020 | 145 |
| Figure 4.3 Number and Rate of Motor Vehicle Deaths by Age Group and Gender, 2020 | 145 |
| Figure 4.4 Percentage of Motor Vehicle Deaths by Race/Ethnicity, 2020 | 146 |
| Figure 4.5 Number and Rate of Motor Vehicle Deaths by Race/Ethnicity and Gender, 2020 ... | 146 |
| Figure 4.6 Percentage of Motor Vehicle Deaths by Ethanol Amount (N=762), 2020 | 147 |
| Figure 4.7 Number of Motor Vehicle Deaths by Age Group, Gender, and Ethanol Amount (N=762), 2020 | 147 |
| Figure 4.8 Number of Motor Vehicle Deaths by Ethanol Level and Race/Ethnicity (N=762), 2020 | 148 |
| Table 4.1 Number of Motor Vehicle Deaths by Age Group and Position during Collision, 2020 | 148 |

| | |
|--|-----|
| Figure 4.9 Number of Motor Vehicle Deaths by Position during Collision and Ethanol Level (N=726), 2020 | 149 |
| Table 4.2 Number of Motor Vehicle Deaths by Position during Collision, Vehicle Type, and Ethanol Level (N=762), 2020 | 150 |
| Figure 4.10 Number of OCME Motor Vehicle Fatalities by Month of Death, 2020 | 152 |
| Figure 4.11 Number of OCME Motor Vehicle Fatalities by Day of Week, 2020 | 152 |
| Table 4.3 Number and Rate of Motor Vehicle Deaths by Locality of Residence, 2020 | 153 |
| Map 4.1 Number of Motor Vehicle Fatalities by Locality of Residence, 2020 | 155 |
| Map 4.2 Rate of Motor Vehicle Fatalities by Locality of Residence, 2020 | 156 |
| Table 4.4 Number and Rate of Motor Vehicle Deaths by Locality of Injury, 2020 | 157 |
| Map 4.3 Number of Motor Vehicle Fatalities by Locality of Injury, 2020 | 159 |
| Map 4.4 Rate of Motor Vehicle Fatalities by Locality of Injury, 2020 | 160 |
| SECTION 5: DRUG/POISON DEATHS (N=2,309)..... | 161 |
| ALL DRUG/POISON DEATHS (N=2,309) | 161 |
| Figure 5.1 Number and Rate of Fatal Drug/Poison Overdoses by Year of Death, 1999-2020 ... | 161 |
| Table 5.1 Number and Percentage of Fatal Drug/Poison Overdoses by OCME District, 2020 .. | 162 |
| Figure 5.2 Percentage of Fatal Drug/Poison Overdoses by Manner of Death, 2020 | 162 |
| Figure 5.3 Number and Rate of Fatal Drug/Poison Overdoses by Age Group and Gender, 2020 | 163 |
| Table 5.2 Number of Fatal Drug/Poison Overdoses by Age Group and Manner of Death, 2020 | 163 |
| Figure 5.4 Percentage of Fatal Drug/Poison Overdoses by Race/Ethnicity, 2020..... | 164 |
| Figure 5.5 Number and Rate of Fatal Drug/Poison Overdoses by Race/Ethnicity and Gender, 2020 | 164 |
| Table 5.3 Number of Fatal Drug/Poison Overdoses by OCME District and Cause of Death, 2020 | 165 |
| Table 5.4 Number of Fatal Drug/Poison Overdoses Manner and Cause of Death, 2020..... | 165 |
| Figure 5.6 Number of Fatal Drug/Poison Overdoses by Drug Category and Year of Death, 1999-2020 | 166 |
| Figure 5.7 Number of Fatal Drug/Poison Overdoses by Drug Category and Gender, 2020..... | 167 |
| Figure 5.8 Number and Rate of Fatal Drug/Poison Overdoses by Drug Category and Race/Ethnicity, 2020 | 168 |

| | |
|---|-----|
| Figure 5.9 Number of Fatal Drug/Poison Overdoses by Drug Category and Ethanol Level, 2020 | 169 |
| Table 5.5 Number of Fatal Drug/Poison Overdoses by Cause of Death and Whether Alcohol Caused Death, 2020 | 169 |
| Figure 5.10 Number of Fatal Drug/Poison Overdoses by Drug/Poison/Metabolites Detected, 2020 | 170 |
| Table 5.6 Number and Percentage of Fatal Drug/Poison Overdoses by Drug/Poison/Metabolite Detected, 2020..... | 170 |
| Figure 5.11 Number of Fatal Drug/Poison Overdoses by Class of Drug/Poison/Metabolite Detected that Caused or Contributed to Death, 2020 | 175 |
| Table 5.7 Number of Fatal Drug/Poison Deaths by Drug/Poison/Metabolites Detected that Caused or Contributed to Death, 2020..... | 175 |
| Table 5.8 Number and Rate of Fatal Drug/Poison Overdoses by Locality of Residence, 2020 .. | 180 |
| Map 5.1 Number of Fatal Drug/Poison Overdoses by Locality of Residence, 2020..... | 182 |
| Map 5.2 Rates of Fatal Drug/Poison Overdoses by Locality of Residence, 2020 | 183 |
| Table 5.9 Number and Rate of Fatal Drug/Poison Overdoses by Locality of Injury, 2020 | 184 |
| Map 5.3 Number of Fatal Drug/Poison Overdoses by Locality of Injury, 2020 | 186 |
| Map 5.4 Rates of Fatal Drug/Poison Overdoses by Locality of Injury, 2020 | 187 |
| PREScription OPIOIDS EXCLUDING FENTANYL (N=497) | 188 |
| Figure 5.12 Number of All Fatal Drug Overdoses Compared to All Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Year of Death, 2007-2020 | 188 |
| Figure 5.13 Number of Prescription Opioids (Excluding Fentanyl) Causing or Contributing to Death in Fatal Drug/Poison Overdoses, 2020 | 189 |
| Figure 5.14 Percentage of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Manner of Death, 2020..... | 189 |
| Table 5.10 Number of Prescription Opioids (Excluding Fentanyl) Detected in Fatal Drug Overdoses by OCME District, 2020 | 190 |
| Figure 5.15 Number and Rate of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Age Group and Gender, 2020 | 190 |
| Figure 5.16 Percentage of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Race/Ethnicity, 2020 | 191 |
| Figure 5.17 Number and Rate of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Race/Ethnicity and Gender, 2020 | 191 |

| | |
|---|-----|
| Table 5.11 Number and Rate of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Locality of Residence, 2020 | 192 |
| Map 5.5 Number of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Locality of Residence, 2020 | 194 |
| Map 5.6 Rates of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Locality of Residence, 2020 | 195 |
| Table 5.12 Number and Rate of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Locality of Injury, 2020..... | 196 |
| Map 5.7 Number of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Locality of Injury, 2020 | 198 |
| Map 5.8 Rates of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Locality of Injury, 2020 | 199 |
| FENTANYL AND/OR HEROIN DEATHS (N=1,702) | 200 |
| Figure 5.18 Number and Rate of Fatal Fentanyl and/or Heroin Overdoses by Year of Death, 2007-2020 | 200 |
| Figure 5.19 Number of Fatal Fentanyl Analog Overdoses Quarter, 2014-2020 | 201 |
| | 201 |
| Table 5.13 Number of Fatal Fentanyl and/or Heroin Overdoses by OCME District, 2020 | 202 |
| Figure 5.20 Percentage of Fatal Fentanyl and/or Heroin Overdoses by Manner of Death, 2020 | 202 |
| | 202 |
| Figure 5.21 Number and Rate of Fatal Fentanyl and/or Heroin Overdoses by Age Group and Gender, 2020 | 203 |
| Figure 5.22 Percentage of Fatal Fentanyl and/or Heroin Overdoses by Race/Ethnicity, 2020 .. | 203 |
| Figure 5.23 Number and Rate of Fatal Fentanyl and/or Heroin Overdoses by Race/Ethnicity and Gender, 2020 | 204 |
| Table 5.14 Number and Percentage of Fatal Fentanyl and/or Heroin Overdoses by Whether Alcohol Caused Death, 2020 | 204 |
| Table 5.15 Number and Rate of Fatal Fentanyl and/or Heroin Overdoses by Locality of Residence, 2020 | 205 |
| Map 5.9 Number of Fatal Fentanyl and/or Heroin Overdoses by Locality of Residence, 2020 . | 207 |
| Map 5.10 Rates of Fatal Fentanyl and/or Heroin Overdose by Locality of Residence, 2020 | 208 |
| Table 5.16 Number and Rate of Fatal Fentanyl and/or Heroin Overdoses by Locality of Injury, 2020 | 209 |

| | |
|---|-----|
| Map 5.11 Number of Fatal Fentanyl and/or Heroin Overdoses by Locality of Injury, 2020 | 211 |
| Map 5.12 Rates of Fatal Fentanyl and/or Heroin Overdose by Locality of Injury, 2020 | 212 |
| ALL OPIOID DEATHS (N=1,915) | 213 |
| Figure 5.24 Number and Rate of All Fatal Opioid Overdoses Year of Death, 2007-2020 | 213 |
| Table 5.17 Number of All Fatal Opioid Overdoses by Combination and OCME District, 2020 .. | 214 |
| Figure 5.25 Percentage of All Fatal Opioid Overdoses by Manner of Death, 2020..... | 214 |
| Figure 5.26 Percentage of All Fatal Opioid Overdoses by Manner of Death, 2020..... | 215 |
| Figure 5.27 Number and Rate of All Fatal Opioid Overdoses by Age Group and Gender, 2020 | 215 |
| Figure 5.28 Percentage of All Fatal Opioid Overdoses by Race/Ethnicity, 2020 | 216 |
| Figure 5.29 Number and Rate of All Fatal Opioid Overdoses by Race/Ethnicity and Gender, 2020 | 216 |
| Figure 5.30 Number of Opioids Causing or Contributing to Fatal Opioid Overdoses, 2020 | 217 |
| Table 5.18 Number and Percentage of All Fatal Opioid Overdoses by Whether Alcohol Caused Death, 2020..... | 217 |
| Table 5.19 Number of All Fatal Opioid Overdoses by Locality of Residence, 2020..... | 218 |
| Map 5.13 Number of All Fatal Opioid Overdoses by Locality of Residence, 2020 | 220 |
| Map 5.14 Rates of All Fatal Opioid Overdoses by Locality of Residence, 2020..... | 221 |
| Table 5.20 Number and Rate of All Fatal Opioid Overdoses by Locality of Injury, 2020 | 222 |
| Map 5.15 Number of All Fatal Opioid Overdoses by Locality of Injury, 2020 | 224 |
| Map 5.16 Rates of All Fatal Opioid Overdoses by Locality of Injury, 2020..... | 225 |
| SECTION 6: GUN-RELATED DEATHS (N=1,195) | 226 |
| Figure 6.1 Number and Rate of Gun-Related Deaths by Year of Death, 2007-2020..... | 226 |
| Figure 6.2 Number of Gun-Related Deaths by Year and Manner of Death, 2007-2020 | 227 |
| Figure 6.3 Percentage of Gun-Related Deaths by Manner of Death, 2020..... | 227 |
| Table 6.1 Number and Rate of Gun-Related Deaths by OCME District and Manner of Death, 2020 | 228 |
| Table 6.2 Number of Gun-Related Deaths by Gun Type and Manner of Death, 2020..... | 228 |
| Figure 6.4 Percentage of Gun-Related Deaths by Gender, 2020 | 229 |
| Figure 6.5 Number and Rate of Gun-Related Deaths by Age Group and Gender, 2020 | 229 |
| Figure 6.6 Percentage of Gun-Related Deaths by Race/Ethnicity, 2020 | 230 |
| Figure 6.7 Number and Rate of Gun-Related Deaths by Race/Ethnicity and Gender, 2020..... | 230 |

| | |
|--|-----|
| Figure 6.8 Percentage of Gun-Related Deaths by Ethanol Level (N=635), 2020 | 231 |
| Figure 6.9 Number of Gun-Related Deaths by Alcohol Level and Manner of Death (N=635), 2020 | 231 |
| Figure 6.10 Number of Gun-Related Deaths by Month of Death, 2020..... | 232 |
| Figure 6.11 Number of Gun-Related Deaths by Day of Week, 2020 | 232 |
| Table 6.3 Number and Rate of Gun-Related Deaths by Locality of Residence, 2020..... | 233 |
| Map 6.1 Number of Gun-Related Deaths by Locality of Residence, 2020 | 235 |
| Map 6.2 Rates of Gun-Related Death by Locality of Residence, 2020 | 236 |
| Table 6.4 Number and Rate of Gun-Related Deaths by Locality of Injury, 2020..... | 237 |
| Map 6.3 Number of Gun-Related Deaths by Locality of Injury, 2020 | 239 |
| Map 6.4 Number of Gun-Related Deaths by Locality of Injury, 2020 | 240 |
| SECTION 7: IN-CUSTODY (PRISONER) DEATHS (N=193) | 241 |
| Figure 7.1 Number of In-Custody Deaths by Manner and Year of Death, 2007-2020 | 241 |
| Figure 7.2 Percentage of In-Custody Deaths by Manner of Death, 2020..... | 242 |
| Figure 7.3 Percentage of In-Custody Deaths by Race/Ethnicity, 2020 | 242 |
| Figure 7.4 Number of In-Custody Deaths by Age Group and Gender, 2020 | 243 |
| Figure 7.5 Number of In-Custody Deaths by Manner and Race/Ethnicity, 2020 | 244 |
| Table 7.1 Number of In-Custody Deaths by Cause and Method of Death, 2020 | 245 |
| SECTION 8: STATE MENTAL HEALTH DEATHS (N=74) | 247 |
| Figure 8.1 Percentage of State Mental Health Deaths by Manner, 2020 | 247 |
| Figure 8.2 Percentage of State Mental Health Deaths by Race/Ethnicity, 2020..... | 248 |
| Figure 8.3 Number of State Mental Health Deaths by Age Group and Gender, 2020 | 248 |
| Figure 8.4 Percentage of State Mental Health Deaths Race/Ethnicity, 2020..... | 249 |
| Table 8.1 Number of State Mental Health Deaths by Cause and Method of Death, 2020 | 250 |
| SECTION 9: RETROSPECTIVE CASES (N=99) | 251 |
| Figure 9.1 Percentage of Retrospective Deaths by Manner of Death, 2020..... | 251 |
| Table 9.1 Number and Percentage of Retrospective Deaths by OCME District, 2020 | 252 |
| Figure 9.2 Percentage of Retrospective Deaths by Race/Ethnicity, 2020 | 252 |
| Figure 9.3 Number of Retrospective Deaths by Age Group and Gender, 2020 | 253 |
| Table 9.2 Number of Retrospective Deaths by Cause and Method of Death, 2020 | 254 |
| GLOSSARY..... | 255 |

Introduction

This report represents the deaths investigated by the Virginia Department of Health, Office of the Chief Medical Examiner in 2020.

Data Collection and Preparation

The data in this report reflect deaths accepted by the Office of the Chief Medical Examiner (OCME) pursuant to §32.1-283 of the Code of Virginia for the 2020 calendar year. These deaths are both Virginia residents and non-residents whose deaths generally occurred within the borders of the Commonwealth of Virginia. The Virginia OCME classifies these deaths by its own coding schema, which differs from mortality data published by other OCME surveillance groups, law enforcement agencies, the Virginia Center for Health Statistics, and the Centers for Disease Control and Prevention (CDC). Any discrepancies between data presented by the OCME and other nosology groups are the result of data collection and analytic variations among these groups.

Statistical Summary

- Data is based upon both Virginia residents and non-Virginia residents, whose deaths have come under the jurisdiction of the Virginia Office of the Chief Medical Examiner
- Rates
 - Rates are per 100,000 persons of the specific Virginia population being described
 - Crude rates are used for all deaths occurring in Virginia, regardless of residential status
 - Rates calculated from small case counts (<5) are considered unreliable and should be interpreted with caution
- Race/Ethnicity (based on information provided from next of kin on decedent's death certificate)
 - Asian, Black, Native American, and White races represent those who have been identified as non-Hispanic ethnicity
 - 'Hispanic' are persons identified as White race with Hispanic ethnicity
 - 'Other' race are persons that are identified as more than one race or Black, Asian, or Native American race with Hispanic ethnicity
- Toxicology
 - Results are based on blood specimens and vitreous fluid

OVERVIEW – OFFICE OF THE CHIEF MEDICAL EXAMINER

The General Assembly of Virginia abolished the Office of Coroner's Physician in 1946 and appointed a Chief Medical Examiner. Four years later, the Office of the Chief Medical Examiner (OCME) became an office within the Virginia Department of Health. The OCME is comprised of four district offices, each accredited by the National Association of Medical Examiners, to serve the citizens of the Commonwealth.

Jurisdictional Authority

Pursuant to § 32.1-283 of the Code of Virginia, all of the following deaths are investigated by the OCME:

- Any death from trauma, injury, violence, or poisoning attributable to accident, suicide or homicide
- Sudden deaths of persons in apparent good health and deaths unattended by a physician
- Deaths of persons in jail, prison, or other correctional institutions, as well as deaths in police custody
This includes deaths during legal intervention such as a death following a police pursuit
- Deaths of patients/residents of state mental health facilities
- Sudden death of any infant less than eighteen months of age whose death might be attributable to Sudden Infant Death Syndrome
- Any other suspicious, unusual, or unnatural death

The OCME receives death reports in each of the four offices, takes custody of deaths that fall under OCME jurisdiction as outlined by the Code of Virginia, and conducts medicolegal death investigations into those fatalities. In Virginia, this is performed by a statewide medical examiner system comprised of a chief medical examiner, several assistant chief medical examiners, and medicolegal death investigators in four district offices, as well as local medical examiners in communities across the state. Medicolegal death investigators receive initial notification of death and determine, under the supervision and review of assistant chief medical examiners, if the death is under the jurisdiction of the OCME. After determining that a death is under OCME jurisdiction, medicolegal death investigators and/or local medical examiners may attend the death scene to document and review circumstances surrounding death. In 2020, approximately 130 local medical examiners worked with the OCME to examine decedents, collect toxicology samples, and sign certificates of death. Using professionally established guidelines, and under the direction of assistance chief medical examiners certain

cases were determined to require a medicolegal autopsy, which includes both an internal and external examination.

When an autopsy is required, it is conducted at one of four district offices: Central, Northern, Tidewater, or Western. Each OCME district is staffed by assistant chief medical examiners who are board certified forensic pathologists (American Board of Pathology), board certified medicolegal death investigators (American Board of Medicolegal Death Investigators), administrative, and morgue personnel. The Chief Medical Examiner is responsible for the overall operations of Virginia's medical examiner system.

The Virginia OCME is a model medical examiner system with two separate mission elements that form the core of OCME staff members' efforts.

Medicolegal Mission

- Conduct medicolegal death investigations
- Perform examinations to certify cause and manner of death and recover evidence
- Testify in court proceedings
- Educate peers and professionals on subjects related to death investigation

Public Health Mission

- Reduce violent death by conducting surveillance and fatality reviews
- Provide support and technical assistance to local fatality review teams
- Identify index cases and pathogens in disease outbreaks in the interest of public health
- Cooperate with organ procurement organizations to save and enhance lives through organ and tissue donation and transplantation
- Administer the Virginia State Anatomical Program to provide cadavers for medical education

Virginia's local medical examiners and assistant chief medical examiners are committed to public safety and public health. To promote public safety, they testify to their findings in criminal and civil courts throughout the Commonwealth. They advance public health through their investigations of deaths that present a hazard to Virginia's citizens, such as emerging infections and bioterrorism.

Virginia Demographics in 2020

In 2020, the estimated population of the Commonwealth was 8,590,563 persons. The average age of Virginia residents was 37.8 years and females represented 50.8% of the population. Whites constituted 62.1% of the population, Blacks 20.0%, Hispanics 10.0%, Asians 7.6%, and Native Americans 0.3% of Virginia's people.

Division of Death Prevention, Fatality Review and Surveillance Programs

In addition to conducting medicolegal death investigations to identify the cause and manner of death, the OCME oversees several public health surveillance projects and fatality review team initiatives. Surveillance projects include the Virginia Violent Death Reporting System (VVDRS), the Overdose Data to Action (OD2A) grant, the Sudden Death in the Young Case Registry (SDY), and the Pregnancy-Associated Mortality Surveillance System (PAMSS). Fatality review is performed on child and maternal deaths at the state level and at the local and regional level on adult, child, overdose, and domestic violence related deaths.

Surveillance projects and fatality review teams examine various types of preventable deaths to provide a better understanding of factors contributing to the death so that legislators, policy makers, and other stakeholders can make informed decisions for injury and violence prevention. Fatality review and surveillance is retrospective examination, with most programs being approximately 1-3 years behind the current year. The data collection and review process requires a "deep dive" into a decedent's medical, mental, social, educational, and criminal background, which takes time, as records must be requested, collected, collated, reviewed, and summarized.

Virginia Violent Death Reporting System (VVDRS) was implemented in 2003 as part of the National Violent Death Reporting System (NVDRS). Virginia was among the first six states and the first statewide medical examiner system to be funded for this project, which is now operating in all 50 states and two territories.

The VVDRS collects information about deaths of Virginians who die in Virginia due to violence (suicide, homicide, legal intervention, unintentional firearm discharge, deaths of an undetermined manner, and deaths due to terrorism) and correlates victim information with the circumstances surrounding the death. Data from several sources, among them forensic pathology, forensic science, law enforcement, vital records, and health statistics, are linked to provide a comprehensive picture of violent death in the Commonwealth of Virginia.

The Overdose Data to Action (OD2A) grant was implemented in 2019 as part of a collaborative effort between multiple offices, throughout the Virginia Department of Health, including The Office of Family Health Services, Office of Emergency Preparedness, Office of the Chief Medical Examiner, Office of Epidemiology, and the Office of Emergency Medical Services. The multi-arm project strives to collect and understand fatal and non-fatal accidental overdose events and then use that data to inform policy and programs to prevent such events. Data is collected using the aforementioned NVDRS and other surveillance systems. The Department of Forensic Science also receives funding as part of this award to implement quantification programs to quantify opioid derivatives for use in toxicology testing and monitoring.

The OCME's arm, the State Unintentional Drug Overdose Reporting System (SUDORS), goal is to prevent accidental death through the collection of surveillance data to create public health strategies to address opioid addiction. SUDORS captures information on accidental and undetermined overdose deaths in Virginia. While much of this data is also collected through the VVDRS, the SUDORS collects additional information such as descriptions of paraphernalia found at the scene, prescription monitoring reports, naloxone administration, and any history of substance abuse, treatment, or relapse.

Domestic Violence Fatality Review was established in 1999 when the General Assembly enacted §32.1-283.3 of the Code of Virginia. This statute provides for the establishment of local and regional domestic violence fatality review teams and directs the OCME to provide technical assistance and support to these teams.

Domestic violence fatality review has gained prominence and momentum in the last decade, both here in Virginia and across the United States. The purpose of domestic violence fatality review is to prevent future deaths by carefully examining the events that led to a fatality; by analyzing system responses to those deaths; and by improving a community's coordinated response to domestic violence. Multidisciplinary teams are formed at the local or regional level. Membership in these teams varies among localities, but generally includes representatives from law enforcement, Commonwealth Attorneys, social services, courts, probation and parole, domestic violence programs, mental health, and healthcare.

State Child Fatality Review Team was established in 1995 by the Virginia General Assembly and the Governor of Virginia. Working in the spirit of public health, the multidisciplinary team conducts retrospective

reviews of the circumstances surrounding violent and unexpected child death and develops consensus recommendations for intervention and prevention of future child deaths. The team reviews child deaths in a topical manner. By reviewing cases based on a specific type of death, the team is able to determine risk and protective factors associated with that type of injury and to develop targeted recommendations for intervention and prevention. Team members include representatives from pediatrics, emergency medicine, child psychiatry, law enforcement, mental health, social services, forensic pathology, Commonwealth Attorneys, local fire and emergency medical services providers, injury prevention groups, child advocacy organizations, and other state agencies.

Over the years, the team has identified common trends observed in child deaths, including the presence of family violence and economic instability as risk factors for homicide of young children, the importance of adult supervision in preventing unintentional injury death, the need for policy and education to prevent child drownings, and the prevalence of family substance abuse and mental health problems in cases of sleep-related infant deaths and deaths due to poisoning. Through its many reviews, the Virginia State Child Fatality Review Team has discerned that child death in Virginia is patterned and largely preventable.

Infant and Child Mortality Surveillance was created 2015. The team implemented the Infant and Child Mortality Surveillance System, for those aged 0-17 years in an effort to guide and better inform discussions, planning and legislative action that effects the health and well-being of children and families in the Commonwealth. This project seeks to provide reports detailing the circumstances and characteristics of both infant and child deaths occurring in Virginia.

Child fatality review is supported by the Virginia Department of Health, Office of Family Health Services with Title V funds from the U.S. Department of Health and Human Services, Maternal and Child Health Bureau.

Regional Child Fatality Review Teams were established in all five Virginia Department of Social Services (DSS) regions in the Commonwealth. These teams review all child deaths investigated by a local department of social services for suspicions of abuse or neglect, regardless of the finding. The OCME provides training and technical assistance to these teams, assisting them with the theory and practice of effective child fatality review, developing guidance documents, and providing trainings for team members, coordinators and recorders. The

OCME also assists these regional teams with the process of developing recommendations for intervention and prevention of child deaths as well as helping to improve data collection, entry, and quality assurance strategies.

Virginia's Pregnancy-Associated Mortality Surveillance System (PAMSS) and Maternal Mortality Review Team (MMRT) are housed in the OCME. Surveillance of all deaths of women occurring during pregnancy or within one year of pregnancy (termed "pregnancy-associated death") is conducted to provide up-to-date information on patterns and trends. Data from PAMSS includes not only surveillance data, but also data collected from the MMRT process. Current PAMSS data indicates pregnancy-associated maternal death in Virginia remains a significant public health problem.

Rising maternal mortality rates throughout the United States have led to renewed interest in expanding state-based review teams. Virginia's Maternal Mortality Review Team is one of the longest continuously functioning multidisciplinary review teams in the US. The team was established in March 2002 as a partnership between the Office of Family Health Services and the OCME. The team was codified during the 2019 General Assembly session via House Bill 2546 effective July 1, 2019 with the OCME continuing to provide coordination for the team. The Maternal Mortality Review Team reviews all cases of pregnancy-associated death, regardless of the cause or manner of death or outcome of the pregnancy. Systematic, retrospective review of these deaths is performed to understanding the circumstances surrounding the death so that recommendations and interventions can be made to prevent future deaths.

The team is multidisciplinary and includes representatives from: Medical Society of Virginia; Virginia Section of the American College of Obstetricians and Gynecologists; Virginia College of Emergency Physicians; Virginia Chapter of the American College of Nurse Midwives; Association of Women's Health, Obstetrics and Neonatal Nurses; Virginia Chapter of the National Association of Social Workers; Virginia Hospital and Healthcare Association; Virginia Sexual and Domestic Violence Action Alliance; Virginia Dietetic Association; local health departments; and state planning agencies. Maternal mortality review is supported by the Virginia Department of Health, Office of Family Health Services with Title V funds from the U.S. Department of Health and Human Services, Maternal and Child Health Bureau.

Virginia's Sudden Death in the Young (SDY) Project began in January 2015 in four communities served by the Tidewater OCME: the cities of Hampton, Newport News, Norfolk, and Virginia Beach. In 2018, three additional cities and three counties were added to the project. Those additions include the cities of Chesapeake, Suffolk, and Portsmouth and the counties of Accomack, Northampton, and York. Using techniques from surveillance and fatality review, this project involves intensive data collection and multidisciplinary review of all deaths involving infants, children and youth up to 19 years of age for which the cause of death was undetermined or not fully understood. These deaths include those from cardiac or neurological causes such as epilepsy or those attributed Sudden Unexpected Infant Death (SUID). Understanding the precise etiology of these deaths and defining who is at-risk is a necessary first step to designing interventions and preventions to reduce these deaths. Virginia is one of 10 states participating in this national project.

The SDY project involves an intensive death investigation of each case. This requires the collection and review of extensive records for the child and family including past medical histories, social service histories, school records for the child where applicable, criminal histories and other relevant records for the case. The information gathered from the death investigation is used by both a multidisciplinary child fatality review team and a clinical review team. The project utilizes the VDSS Eastern Region review team, which is comprised of direct service providers in the areas of social services, law enforcement, education and child advocacy. Their role is to assess family protective and risk factors for each death, to evaluate the quality of agency response, and to identify prevention strategies. The clinical review team is made up of a pediatric neurologist, geneticist, maternal fetal medicine specialist, pediatrician, cardiologist, a social worker, OB/GYN, and a forensic pathologist. Their role is to identify undiagnosed medical risk factors that may have contributed to the child's death. The critical purpose of these investigations and reviews is to determine if causes of death can be further clarified, refined, and described, and then ultimately lead to the prevention of these premature deaths.

An optional component of the project allows consenting families to participate in a study of these deaths through an SDY Case Registry, which is being conducted by the CDC, the National Heart, Lung, and Blood Institute (NHLBI), and the National Institute of Neurological Disorders and Stroke (NINDS) at the National Institutes of Health. Consent includes the storage of bio-specimens for DNA banking and testing in the event that medical insights or breakthroughs in the future promise additional information about the child's death.

Adult Fatality Review was established for Virginia localities effective July 1, 2015. Currently, there are two local and regional teams (Richmond Metro and Northern Virginia) established in the Commonwealth. Similar to child and domestic violence death review efforts, local communities may now convene such teams to examine deaths of any persons 60 years of age or older or any vulnerable or incapacitated adult 18 years of age or older, under three different scenarios: (1) persons who were the subject of an adult protective services or law enforcement investigation; (2) adults whose death was due to abuse, neglect, or exploitation or acts suggesting abuse, neglect, or exploitation; and (3) persons whose death was investigated by the Office of the Chief Medical Examiner as suspicious, unusual, or unnatural. The goal of this process is to identify at risk populations in their communities, opportunities for improved response to adult abuse and neglect, and best practices for preventing further abuse and violence. Currently there is no funding for a State Adult Fatality Review Team and efforts to solicit grant funds have not been successful or funds have not been available for this work. At this time, the Adult Fatality Review remains an unfunded mandate.

Local and Regional Overdose Fatality Review was established for Virginia localities effective July 1, 2018. Currently, there are no formal teams, but interest is growing. Similar to child, adult, and domestic violence death review efforts, local communities may now convene such teams to examine deaths of any persons who died of an overdose related death. Localities may establish a team under this statute (Code of Virginia §32.1-283.7) for the purpose of: (1) conducting contemporaneous reviews of local overdose deaths, (2) promoting cooperation and coordination among agencies involved in investigations of overdose deaths or in providing services to surviving family members, (3) developing an understanding of the causes and incidence of overdose deaths in the locality, (4) developing plans for and recommending changes within the agencies represented on the local team to prevent overdose deaths, and (5) advising the Department and other relevant state agencies on changes to law, policy, or practice to prevent overdose deaths. The goal of this process is to identify at risk populations in their communities, opportunities for improved response to overdoses, and best practices for preventing further overdose related deaths.

In Virginia, information learned from fatality review efforts supports the development of recommendations and information sharing with critical stakeholders to reduce injury and death. The Division of Death Prevention is dedicated to providing data and technical assistance to those in our community. Data can be requested from any of our projects, by reaching out to Division Director or the Project Manager for the particular program of

interest. More information and who to contact can be found at: <http://www.vdh.virginia.gov/medical-examiner/fatality-review-surveillance-programs-reports/>

Training and Education

Forensic Pathology Training Programs

Website — <http://www.vdh.virginia.gov/medical-examiner/forensic-pathology-training-programs/>

The Virginia Commonwealth University School of Medicine (VCU), in conjunction with the OCME, offers an Accreditation Council for Graduate Medical Education (ACGME) accredited fellowship in the subspecialty of forensic pathology. The forensic pathologists of the Central, Tidewater, and Western District offices are the core faculty of the Department of Legal Medicine at VCU, chaired by the Chief Medical Examiner. OCME office staff has full access to facilities at VCU and its medical, dental, pharmacy, hospital administration, nursing, and other health science schools. The Department of Legal Medicine Faculty also participate as attending physicians for the forensic pathology fellowship.

The forensic pathology training program is designed to provide training and experience to pathologists pursuing a career in forensics. It is the aim of the forensic pathology training program that, by the end of the fellowship year, the trainee can adequately manage medicolegal death investigations with self-assurance and technical competence. After the 12-month fellowship, the physician should have obtained enough experience to be eligible to take the American Board of Pathology examination in the subspecialty of Forensic Pathology. Upon completion, the trainee will be ready to accept a position in all types of Medical Examiner/Coroner systems. All district OCME offices are approved to host and train physicians for the fellowship. The fellowship continues to interview candidates for 2023-24.

The OCME offers forensic rotations to residents, medical students, and pathology assistant students. Medical students from VCU and the Eastern Virginia Medical School (EVMS) typically rotate for a 2-4 week elective to learn autopsy techniques and death certification. Pathology assistant students from EVMS rotate for 8 weeks to learn autopsy techniques and procedures at the Tidewater and Central Offices. The OCME also offers month long rotations for resident physicians from VCU, University of Virginia, Walter Reed Hospital, and National Institute of Health who desire exposure to forensic pathology as part of their anatomical pathology training. Residents from other in state or out of state programs may be accepted for training.

National Association of Medical Examiners Accreditation

The National Association of Medical Examiners (NAME) is the professional organization for physician medical examiners, medicolegal death investigators and death investigation system administrators who investigate deaths of public interest, either legal or public health, in the United States. NAME has developed an accreditation process to improve the quality of death investigation within medical examiner offices and systems. When an office is accredited by NAME, it is an endorsement that the office has provided an environment adequate for a medical examiner to practice his or her profession and that the office can adequately serve its jurisdiction. The accreditation process includes but is not limited to: inspection of facilities, review of facility and personnel safety, qualification of medical examiners, review of medicolegal procedures, and review of reports and records. One requirement within the reports and records section is an annual statistical report, which the Virginia OCME fulfills with this report. The following two tables provide data on the NAME required fields on 2020 death investigations:

| | Central | Northern | Tidewater | Western | Total |
|---|-------------|-------------|-------------|-------------|--------------|
| TOTAL DEATHS STATEWIDE | | | | | |
| Total Deaths Reported to OCME | 6113 | 3794 | 3322 | 4955 | 18184 |
| OCME Cases by Examination Type | | | | | |
| Complete examinations (autopsy) | 855 | 530 | 687 | 699 | 2771 |
| External examination | 1807 | 1192 | 1297 | 1413 | 5709 |
| Partial examination | 11 | 59 | 49 | 85 | 204 |
| TOTAL CASES ACCEPTED BY THE OCME | 2673 | 1781 | 2033 | 2197 | 8684 |
| OCME Cases by Manner of Death | | | | | |
| Accident | 1428 | 911 | 998 | 1147 | 4484 |
| Homicide | 184 | 57 | 199 | 109 | 549 |
| Natural | 688 | 489 | 526 | 543 | 2246 |
| Suicide | 331 | 281 | 249 | 348 | 1209 |
| Undetermined | 40 | 43 | 59 | 45 | 187 |
| Undefined for Fetal Death* | 2 | 0 | 2 | 5 | 9 |
| TOTAL CASES ACCEPTED BY THE OCME | 2673 | 1781 | 2033 | 2197 | 8684 |

* Fetal deaths are omitted from manner of death classifications. This is because fetal deaths are not given a certification of live birth in Virginia and thus, do not receive a death certificate. In 2020, the OCME accepted nine fetal deaths under OCME jurisdiction of the 3,411 total fetal deaths reported to Vital Records

| | Central | Northern | Tidewater | Western | Total |
|--|---------|----------|-----------|---------|-------------|
| Bodies transported by office | 2673 | 1781 | 2033 | 2197 | 8684 |
| Bodies transported to office | 1687 | 1027 | 1015 | 1267 | 4996 |
| Cases with toxicology (including retro cases) | 1692 | 1256 | 1379 | 1093 | 5420 |
| Exhumations | 1 | 0 | 0 | 1 | 2 |
| Eye donations on OCME cases | 2 | 12 | 118 | 3 | 135 |
| Hospital autopsies under OCME jurisdiction | 0 | 0 | 0 | 0 | 0 |
| Organ and tissue donations on OCME cases | 85 | 50 | 31 | 9 | 175 |
| Retrospective cases (cases handled separately) | 15 | 34 | 18 | 32 | 99 |
| Scene visits | 302 | 235 | 284 | 116 | 937 |
| Unclaimed bodies | 141 | 85 | 37 | 38 | 301 |
| Unidentified bodies after examination (long term) | 2 | 0 | 0 | 0 | 2 |

SECTION 1: TOTAL OCME CASES (N=8,684)

In 2020, 18,184 deaths were reported to the Office of the Chief Medical Examiner (OCME), which accounted for 22.9% of the estimated total deaths that occurred in Virginia. The OCME accepted 8,684 or 47.8% of these investigated deaths as either autopsies or external examinations (views). [NOTE: Retrospective cases are not included in the accepted total case count, but are examined separately in Section 9. While these deaths were investigated in 2020, they may not necessarily have occurred in 2020]. The caseload for 2020 represented a 17.5% increase compared to 2019. Of the deaths investigated by the OCME in 2020:

- Among manners of death, all categories increased in 2020 compared to 2019. Accidents, homicides, and natural deaths under OCME jurisdiction all increased 20% in 2020 compared to the previous year
- Black males continue to have disproportionate number of homicides compared to their portion within the general population
- White males continue to have the highest rate of suicide in the Commonwealth
- Males continue to represent a larger portion of OCME deaths (69.5%) than females
- The 55-64 year old age group had the greatest number of OCME deaths, representing 17.6% of OCME cases
- Fairfax County had the largest number of both residential deaths (n=495) and deaths by injury locality (n=524). Petersburg had both the highest rate of death by residential locality (331.7 per 100,000) and the highest rate of death by injury locality (351.4 per 100,000)

Figure 1.1 Number and Rate of OCME Cases by Year of Death, 1999-2020

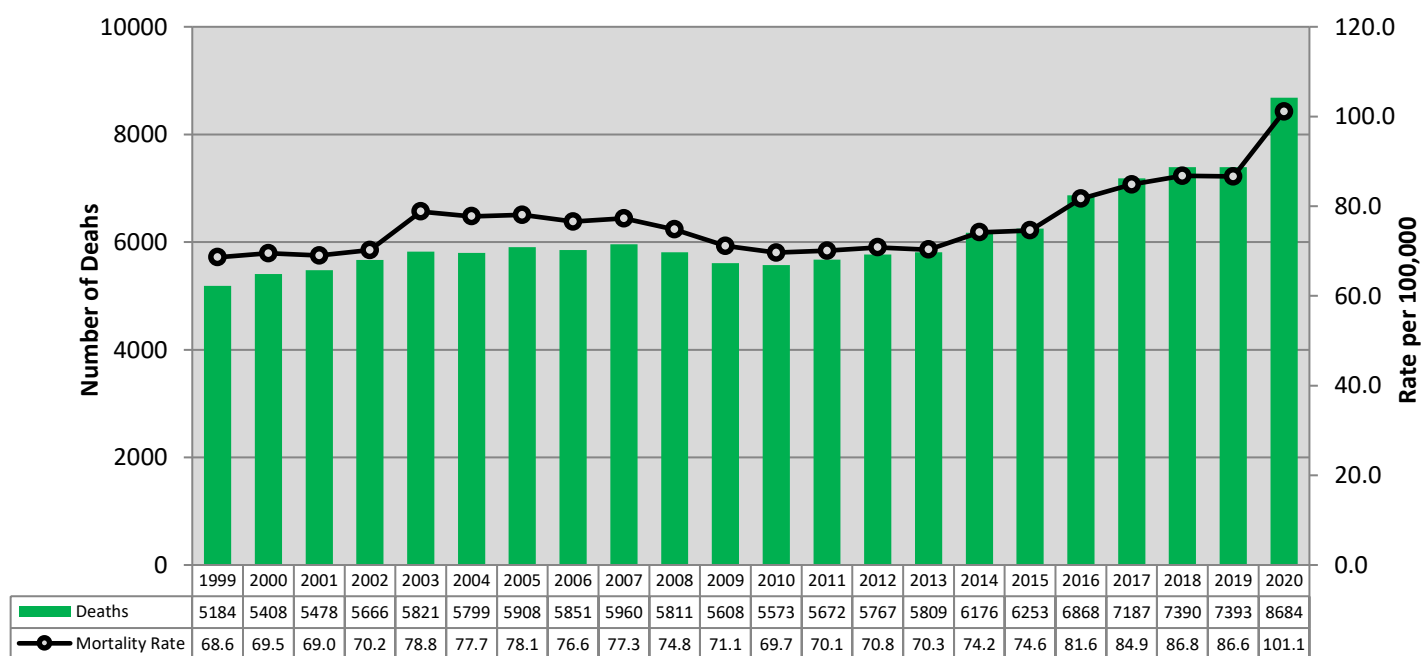
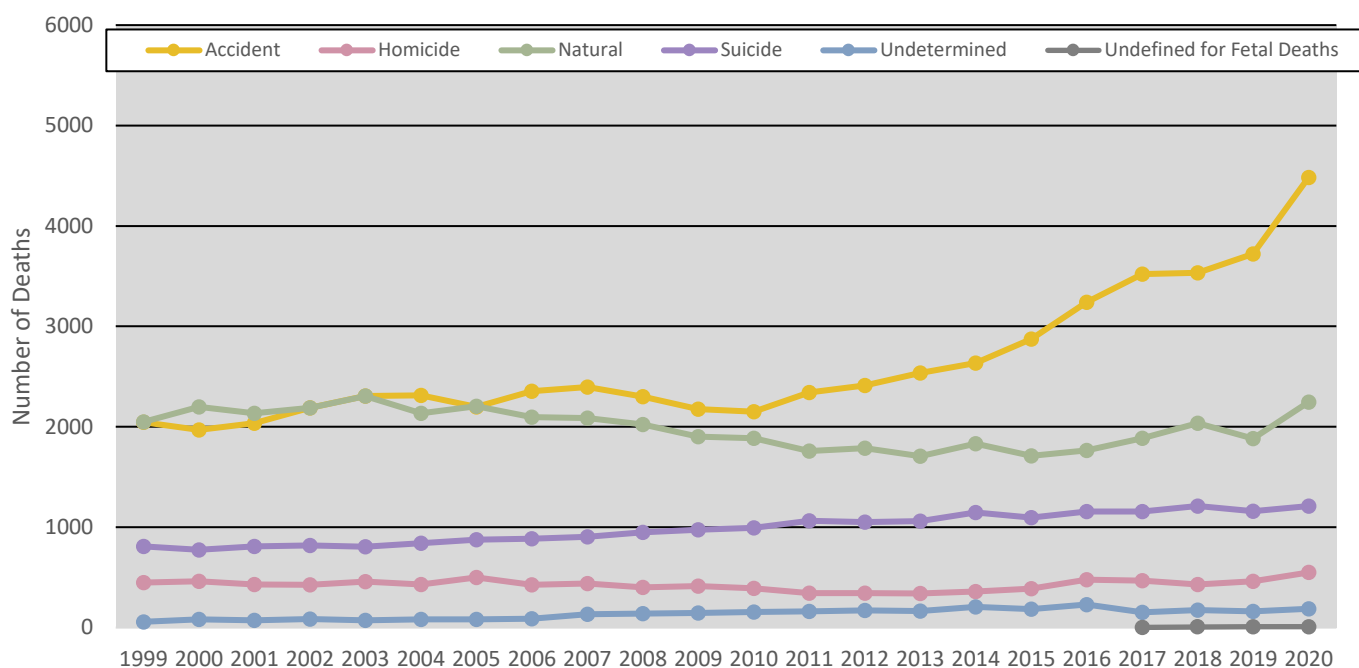
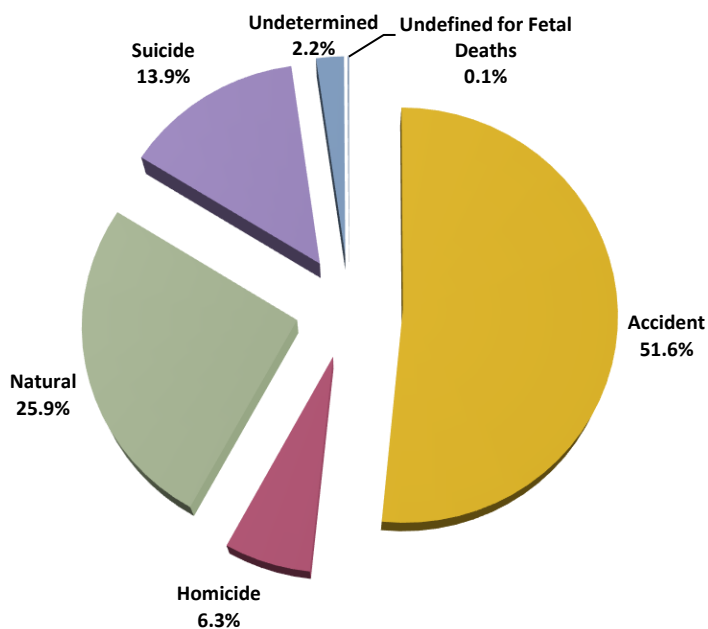


Figure 1.2 Number of OCME Cases by Manner of Death, 1999-2020

* Fetal deaths are omitted from manner of death classifications. This is because fetal deaths are not given a certification of live birth in Virginia and thus, do not receive a death certificate. In 2020, the OCME accepted nine fetal deaths under OCME jurisdiction of the 3,411 total fetal deaths reported to Vital Records

Figure 1.3 Percentage of OCME Cases by Manner of Death, 2020

* Fetal deaths are omitted from manner of death classifications. This is because fetal deaths are not given a certification of live birth in Virginia and thus, do not receive a death certificate. In 2020, the OCME accepted nine fetal deaths under OCME jurisdiction of the 3,411 total fetal deaths reported to Vital Records

Table 1.1 Number of OCME Cases by District and Manner of Death, 2020**OCME District**

| Manner | Central | Northern | Tidewater | Western | Total |
|-----------------------------------|----------------|-----------------|------------------|----------------|--------------|
| Accident | 1428 | 911 | 998 | 1147 | 4484 |
| Homicide | 184 | 57 | 199 | 109 | 549 |
| Natural | 688 | 489 | 526 | 543 | 2246 |
| Suicide | 331 | 281 | 249 | 348 | 1209 |
| Undetermined | 40 | 43 | 59 | 45 | 187 |
| Undefined for Fetal Deaths | 2 | 0 | 2 | 5 | 9 |
| TOTAL | 2673 | 1781 | 2033 | 2197 | 8684 |

* Fetal deaths are omitted from manner of death classifications. This is because fetal deaths are not given a certification of live birth in Virginia and thus, do not receive a death certificate. In 2020, the OCME accepted nine fetal deaths under OCME jurisdiction of the 3,411 total fetal deaths reported to Vital Records

Table 1.2 Number of OCME Cases by Autopsy Status and District, 2020**Autopsy Performed**

| OCME District | Yes | No | Total |
|----------------------|-------------|-------------|--------------|
| Central | 866 | 1807 | 2673 |
| Northern | 589 | 1192 | 1781 |
| Tidewater | 736 | 1297 | 2033 |
| Western | 784 | 1413 | 2197 |
| TOTAL | 2975 | 5709 | 8684 |

Table 1.3 Number of OCME Cases by Manner of Death and Autopsy Status, 2020**Autopsy Performed**

| OCME District | Yes | No | % Yes | Total |
|-----------------------------------|-------------|-------------|--------------|--------------|
| Accident | 1042 | 3442 | 23.2% | 4484 |
| Homicide | 544 | 5 | 99.1% | 549 |
| Natural | 462 | 1784 | 20.6% | 2246 |
| Suicide | 736 | 473 | 60.9% | 1209 |
| Undetermined | 184 | 3 | 98.4% | 187 |
| Undefined for Fetal Deaths | 7 | 2 | 77.8% | 9 |
| TOTAL | 2975 | 5709 | 34.3% | 8684 |

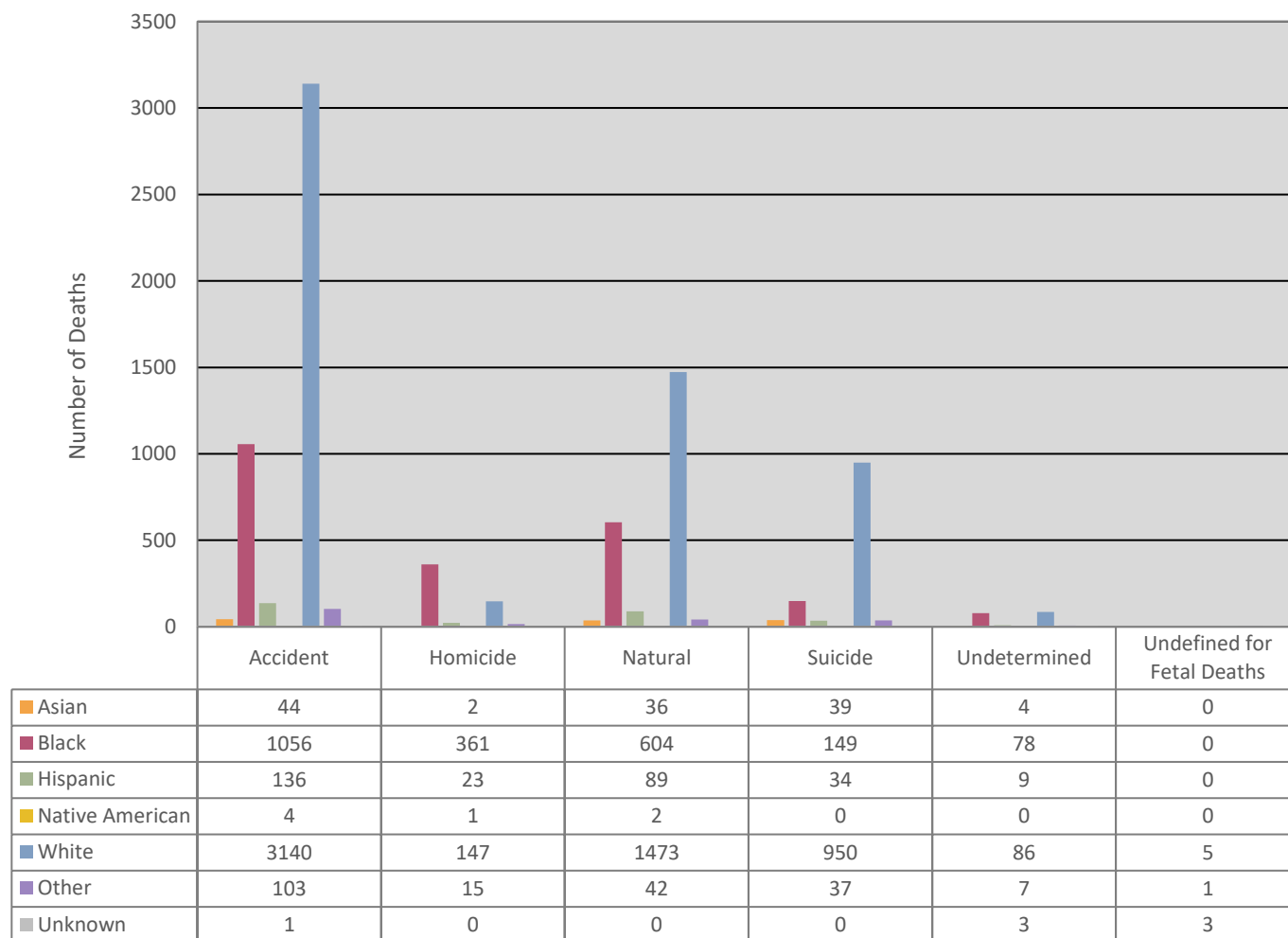
* Fetal deaths are omitted from manner of death classifications. This is because fetal deaths are not given a certification of live birth in Virginia and thus, do not receive a death certificate. In 2020, the OCME accepted nine fetal deaths under OCME jurisdiction of the 3,411 total fetal deaths reported to Vital Records

Table 1.4 Number of OCME Cases by Age Group and Autopsy Status, 2020

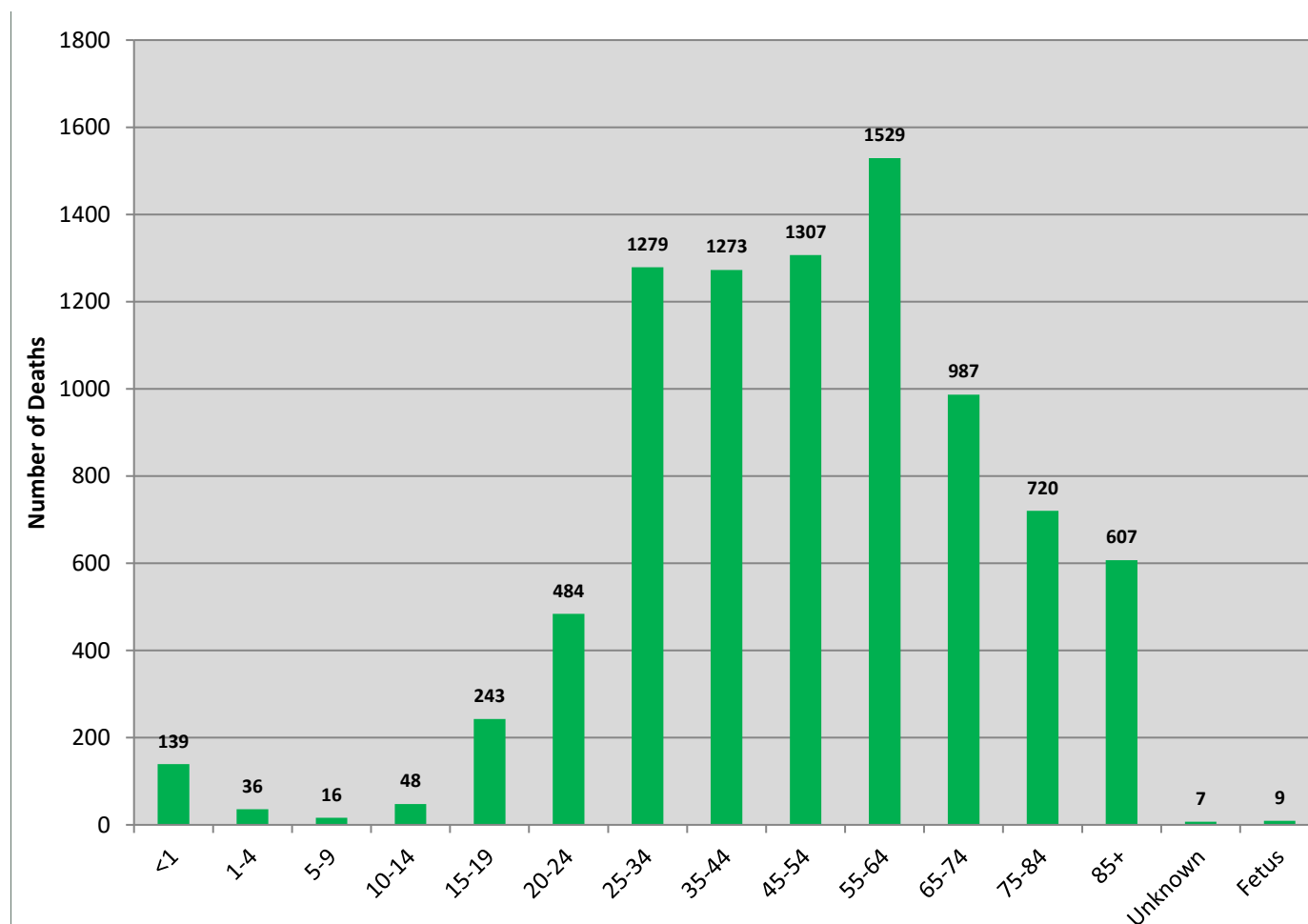
| Age Group | Autopsy Performed | | | Total |
|--------------|-------------------|-------------|--------------|-------------|
| | Yes | No | % Yes | |
| <1 | 134 | 5 | 96.4% | 139 |
| 1-4 | 28 | 8 | 77.8% | 36 |
| 5-9 | 8 | 8 | 50.0% | 16 |
| 10-14 | 34 | 14 | 70.8% | 48 |
| 15-19 | 174 | 69 | 71.6% | 243 |
| 20-24 | 345 | 139 | 71.3% | 484 |
| 25-34 | 768 | 511 | 60.0% | 1279 |
| 35-44 | 441 | 832 | 34.6% | 1273 |
| 45-54 | 322 | 985 | 24.6% | 1307 |
| 55-64 | 299 | 1230 | 19.6% | 1529 |
| 65-74 | 196 | 791 | 19.9% | 987 |
| 75-84 | 143 | 577 | 19.9% | 720 |
| 85+ | 70 | 537 | 11.5% | 607 |
| Unknown | 6 | 1 | 85.7% | 7 |
| Fetus | 7 | 2 | 77.8% | 9 |
| TOTAL | 2975 | 5709 | 34.3% | 8684 |

Table 1.5 Number and Percentage of OCME Cases by Race/Ethnicity, 2020

| Race/Ethnicity | Cases | Percent |
|-----------------|-------------|---------------|
| Asian | 125 | 1.4% |
| Black | 2248 | 25.9% |
| Hispanic | 291 | 3.4% |
| Native American | 7 | 0.1% |
| White | 5801 | 66.8% |
| Other | 205 | 2.4% |
| Unknown | 7 | 0.1% |
| TOTAL | 8684 | 100.1% |

Figure 1.4 Number of OCME Cases by Manner of Death and Race/Ethnicity, 2020

* Fetal deaths are omitted from manner of death classifications. This is because fetal deaths are not given a certification of live birth in Virginia and thus, do not receive a death certificate. In 2020, the OCME accepted nine fetal deaths under OCME jurisdiction of the 3,411 total fetal deaths reported to Vital Records

Figure 1.5 Number of OCME Cases by Age Group, 2020

* Fetal deaths are omitted from manner of death classifications. This is because fetal deaths are not given a certification of live birth in Virginia and thus, do not receive a death certificate. In 2020, the OCME accepted nine fetal deaths under OCME jurisdiction of the 3,411 total fetal deaths reported to Vital Records

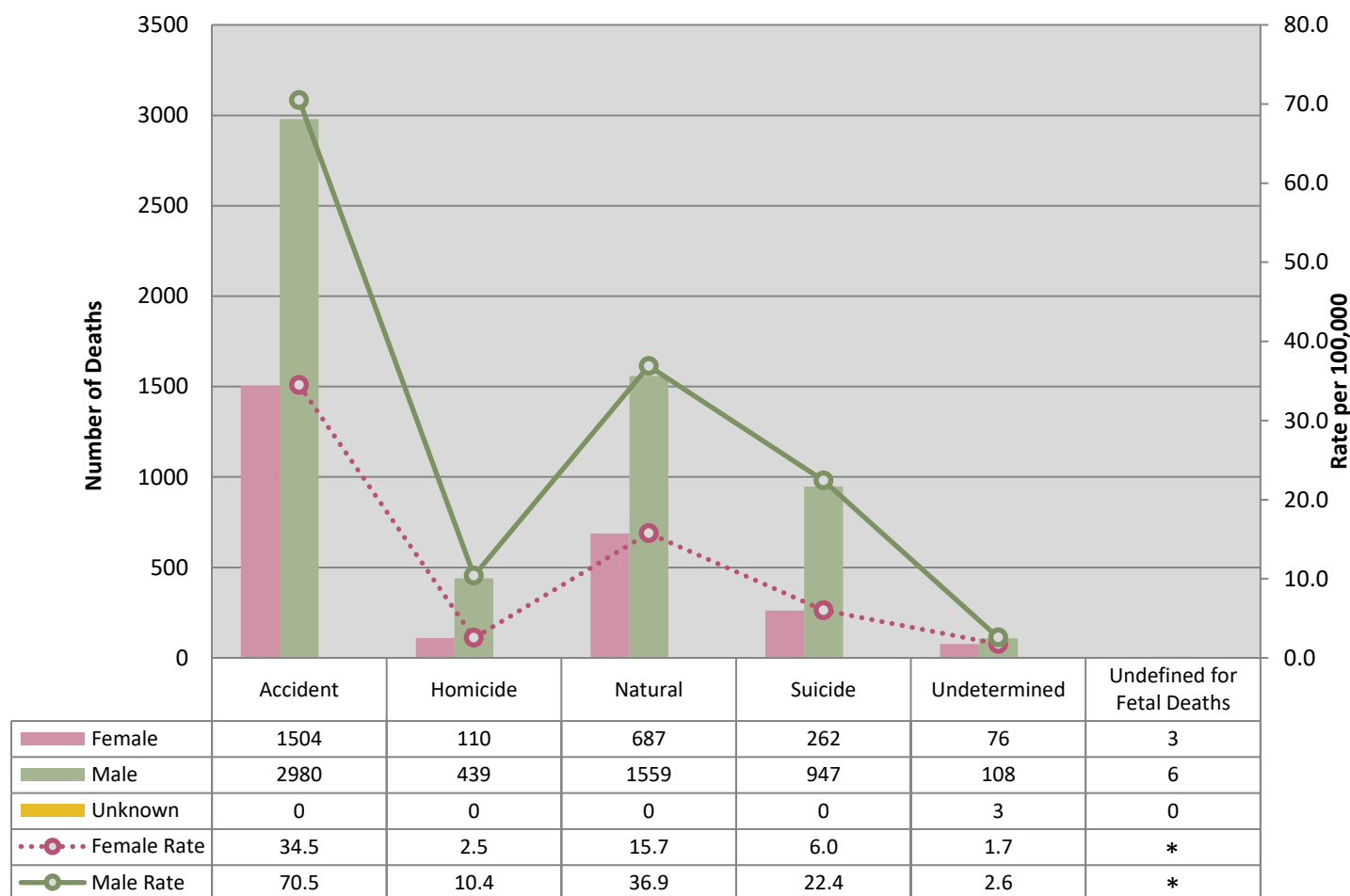
Table 1.6 Number and Percentage of OCME Cases by Gender, 2020

| Gender | Cases | Percent |
|--------------|-------------|---------------|
| Female | 2642 | 30.4% |
| Male | 6039 | 69.5% |
| Unknown | 3 | 0.0% |
| TOTAL | 8684 | 100.0% |

Table 1.7 Number and Percentage of OCME Cases by Manner of Death and Gender, 2020

| Manner of Death | Female | | Male | | Unknown | | Total | |
|----------------------------|-------------|--------------|-------------|--------------|----------|-------------|-------------|---------------|
| | N | % | N | % | N | % | N | % |
| Accident | 1504 | 17.3% | 2980 | 34.3% | 0 | 0.0% | 4484 | 51.6% |
| Homicide | 110 | 1.3% | 439 | 5.1% | 0 | 0.0% | 549 | 6.3% |
| Natural | 687 | 7.9% | 1559 | 18.0% | 0 | 0.0% | 2246 | 25.9% |
| Suicide | 262 | 3.0% | 947 | 10.9% | 0 | 0.0% | 1209 | 13.9% |
| Undetermined | 76 | 0.9% | 108 | 1.2% | 3 | 0.0% | 187 | 2.2% |
| Undefined for Fetal Deaths | 3 | 0.0% | 6 | 0.1% | 0 | 0.0% | 9 | 0.1% |
| Total | 2642 | 30.4% | 6039 | 69.5% | 3 | 0.0% | 8684 | 100.0% |

* Fetal deaths are omitted from manner of death classifications. This is because fetal deaths are not given a certification of live birth in Virginia and thus, do not receive a death certificate. In 2020, the OCME accepted nine fetal deaths under OCME jurisdiction of the 3,411 total fetal deaths reported to Vital Records

Figure 1.6 Number and Rate of OCME Cases by Manner of Death and Gender, 2020

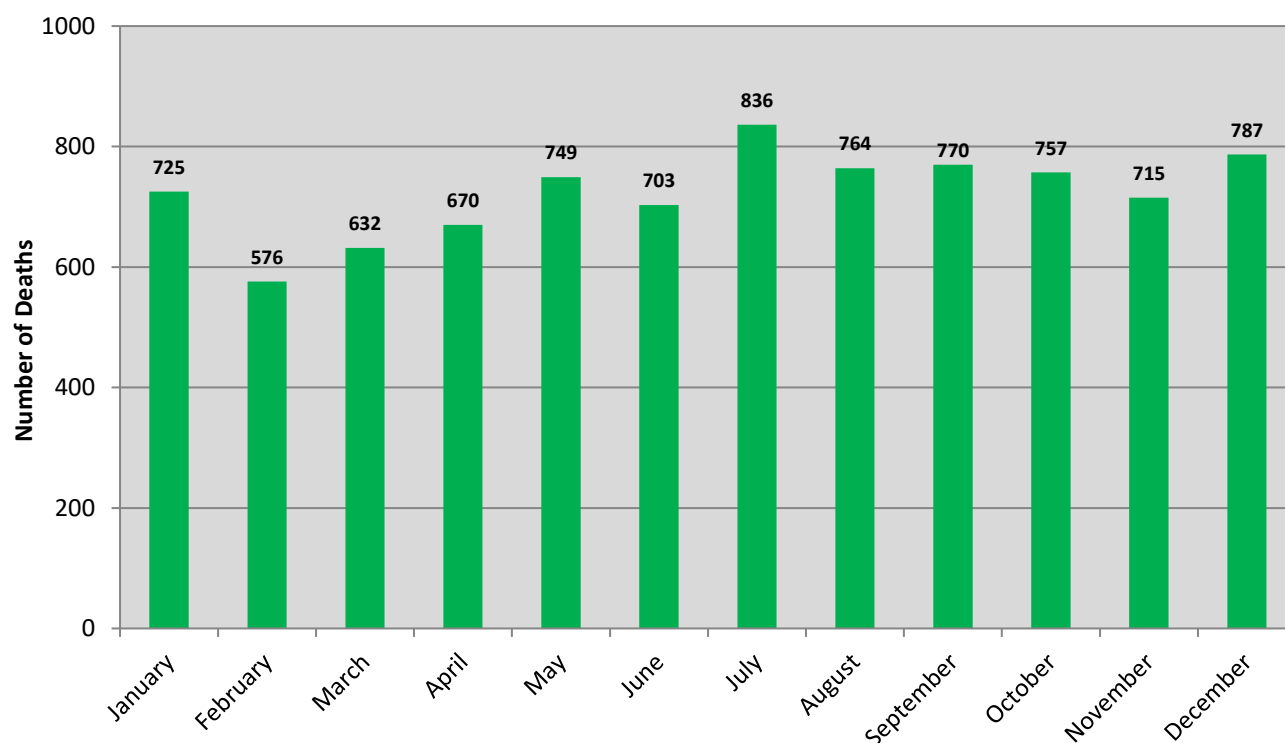
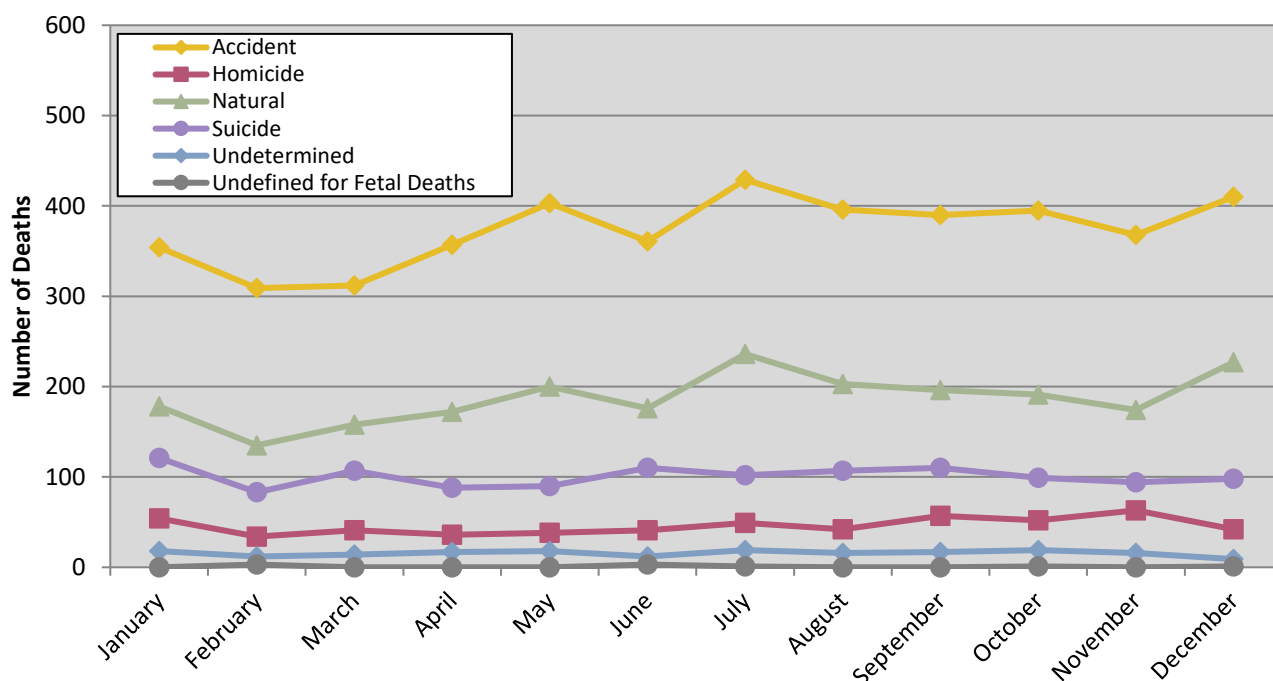
* No denominator for which to calculate rate

* Fetal deaths are omitted from manner of death classifications. This is because fetal deaths are not given a certification of live birth in Virginia and thus, do not receive a death certificate. In 2020, the OCME accepted nine fetal deaths under OCME jurisdiction of the 3,411 total fetal deaths reported to Vital Records

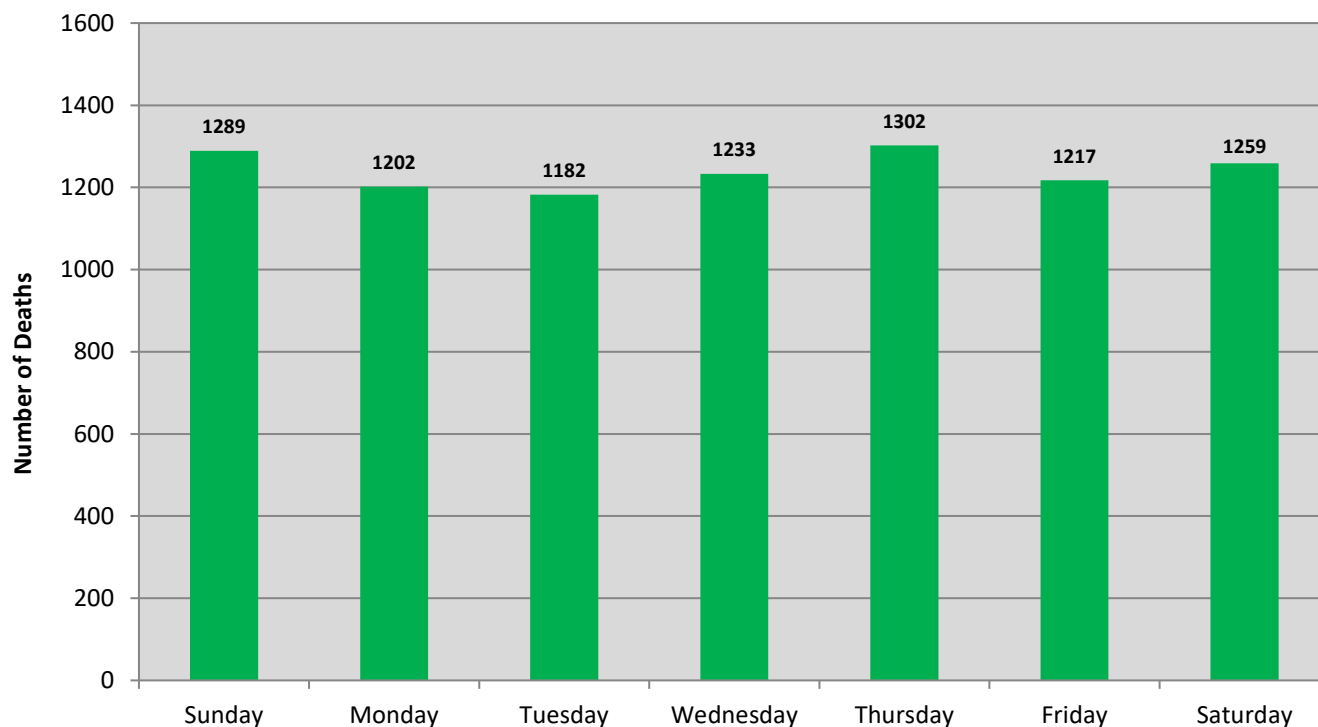
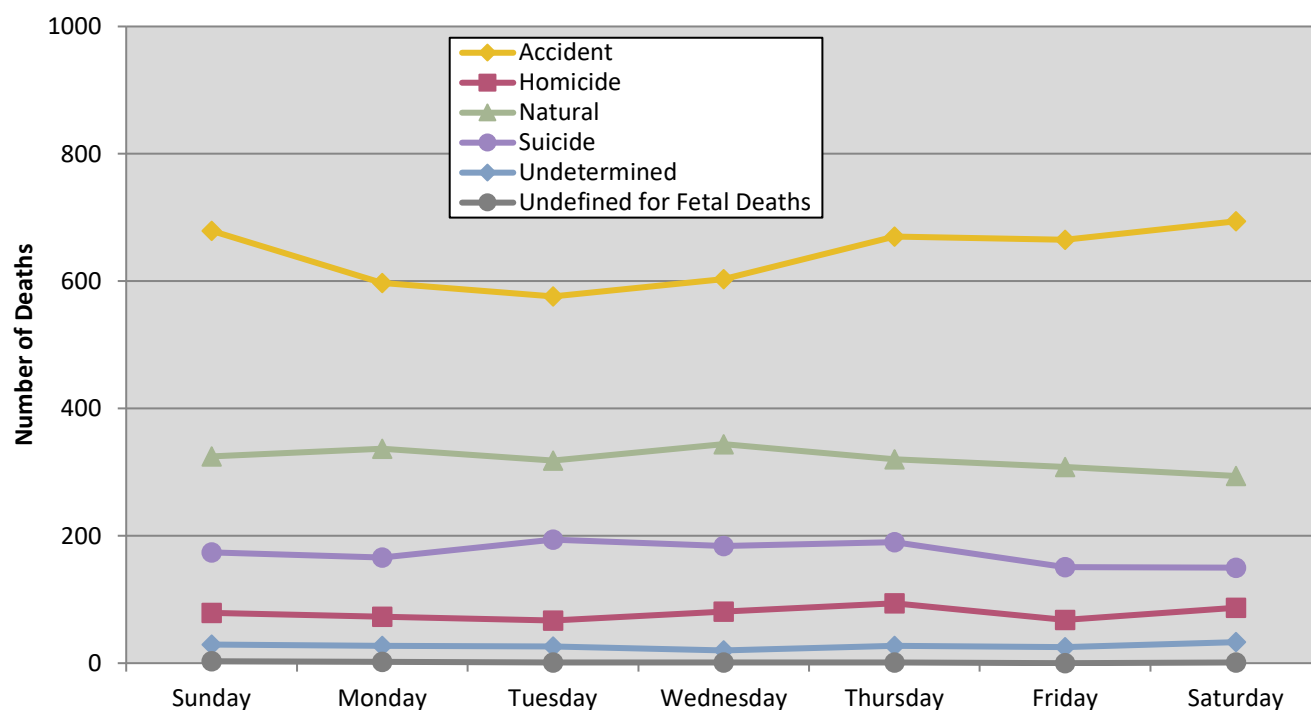
Table 1.8 Number of OCME Cases by Manner of Death, Gender, and Age Group, 2020

| Gender | Age Group | Accident | Homicide | Natural | Suicide | Undetermined | Undefined for Fetal Deaths | Total |
|--------------|-----------------|-------------|------------|-------------|-------------|--------------|----------------------------|-------------|
| FEMALE | <1 | 12 | 3 | 7 | 0 | 44 | 0 | 66 |
| | 1-4 | 4 | 4 | 2 | 0 | 2 | 0 | 12 |
| | 5-9 | 2 | 1 | 2 | 0 | 1 | 0 | 6 |
| | 10-14 | 6 | 1 | 1 | 5 | 0 | 0 | 13 |
| | 15-19 | 28 | 10 | 5 | 12 | 0 | 0 | 55 |
| | 20-24 | 62 | 13 | 7 | 18 | 1 | 0 | 101 |
| | 25-34 | 216 | 18 | 42 | 47 | 8 | 0 | 331 |
| | 35-44 | 221 | 12 | 66 | 47 | 6 | 0 | 352 |
| | 45-54 | 200 | 17 | 99 | 45 | 6 | 0 | 367 |
| | 55-64 | 200 | 15 | 159 | 54 | 3 | 0 | 431 |
| | 65-74 | 121 | 7 | 134 | 23 | 4 | 0 | 289 |
| | 75-84 | 180 | 6 | 98 | 10 | 0 | 0 | 294 |
| | 85+ | 252 | 3 | 65 | 1 | 1 | 0 | 322 |
| | Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Fetus | 0 | 0 | 0 | 0 | 0 | 3 | 3 |
| | Subtotal | 1504 | 110 | 687 | 262 | 76 | 3 | 2642 |
| MALE | <1 | 10 | 8 | 7 | 0 | 48 | 0 | 73 |
| | 1-4 | 15 | 5 | 2 | 0 | 2 | 0 | 24 |
| | 5-9 | 8 | 1 | 1 | 0 | 0 | 0 | 10 |
| | 10-14 | 7 | 5 | 4 | 17 | 2 | 0 | 35 |
| | 15-19 | 68 | 56 | 7 | 53 | 4 | 0 | 188 |
| | 20-24 | 181 | 84 | 13 | 102 | 3 | 0 | 383 |
| | 25-34 | 556 | 137 | 76 | 160 | 19 | 0 | 948 |
| | 35-44 | 557 | 65 | 161 | 133 | 5 | 0 | 921 |
| | 45-54 | 481 | 42 | 268 | 140 | 9 | 0 | 940 |
| | 55-64 | 450 | 24 | 481 | 136 | 7 | 0 | 1098 |
| | 65-74 | 251 | 7 | 339 | 96 | 5 | 0 | 698 |
| | 75-84 | 190 | 3 | 152 | 79 | 2 | 0 | 426 |
| | 85+ | 205 | 1 | 48 | 31 | 0 | 0 | 285 |
| | Unknown | 1 | 1 | 0 | 0 | 2 | 0 | 4 |
| | Fetus | 0 | 0 | 0 | 0 | 0 | 6 | 6 |
| | Subtotal | 2980 | 439 | 1559 | 947 | 108 | 6 | 6039 |
| UNKNOWN | Unknown | 0 | 0 | 0 | 0 | 0 | 3 | 3 |
| | Subtotal | 0 | 0 | 0 | 0 | 0 | 3 | 3 |
| TOTAL | | 4484 | 549 | 2246 | 1209 | 184 | 12 | 8684 |

* Fetal deaths are omitted from manner of death classifications. This is because fetal deaths are not given a certification of live birth in Virginia and thus, do not receive a death certificate. In 2020, the OCME accepted nine fetal deaths under OCME jurisdiction of the 3,411 total fetal deaths reported to Vital Records

Figure 1.7 Number of OCME Cases by Month of Death, 2020**Figure 1.8 Number of OCME Cases by Month and Manner of Death, 2020**

* Fetal deaths are omitted from manner of death classifications. This is because fetal deaths are not given a certification of live birth in Virginia and thus, do not receive a death certificate. In 2020, the OCME accepted nine fetal deaths under OCME jurisdiction of the 3,411 total fetal deaths reported to Vital Records

Figure 1.9 Number of OCME Cases by Day of Death, 2020**Figure 1.10 Number of OCME Cases by Day and Manner of Death, 2020**

* Fetal deaths are omitted from manner of death classifications. This is because fetal deaths are not given a certification of live birth in Virginia and thus, do not receive a death certificate. In 2020, the OCME accepted nine fetal deaths under OCME jurisdiction of the 3,411 total fetal deaths reported to Vital Records

Table 1.9 Number and Rate of OCME Cases by Manner of Death and Locality of Residence, 2020

| Locality of Residence | Accident Total | Accident Rate | Homicide Total | Homicide Rate | Natural Total | Natural Rate | Suicide Total | Suicide Rate | Undet. Total | Undet. Rate | Total | Total Rate |
|-----------------------|-------------------|------------------|-------------------|------------------|------------------|-----------------|------------------|-----------------|-----------------|----------------|-------|---------------|
| Accomack County | 13 | 40.3 | 6 | 18.6 | 13 | 40.3 | 4 | 12.4 | 2 | 6.2 | 38 | 117.9 |
| Albemarle County | 53 | 47.9 | 4 | 3.6 | 20 | 18.1 | 20 | 18.1 | 1 | 0.9 | 98 | 88.6 |
| Alexandria City | 25 | 15.8 | 3 | 1.9 | 21 | 13.2 | 14 | 8.8 | 3 | 1.9 | 66 | 41.6 |
| Alleghany County | 6 | 40.8 | 1 | 6.8 | 9 | 61.2 | 3 | 20.4 | 0 | 0.0 | 19 | 129.2 |
| Amelia County | 18 | 138.3 | 3 | 23.1 | 5 | 38.4 | 2 | 15.4 | 0 | 0.0 | 28 | 215.2 |
| Amherst County | 25 | 78.9 | 0 | 0.0 | 14 | 44.2 | 8 | 25.3 | 0 | 0.0 | 47 | 148.4 |
| Appomattox County | 7 | 43.6 | 0 | 0.0 | 3 | 18.7 | 5 | 31.2 | 0 | 0.0 | 15 | 93.5 |
| Arlington County | 51 | 21.2 | 1 | 0.4 | 40 | 16.7 | 12 | 5.0 | 1 | 0.4 | 105 | 43.7 |
| Augusta County | 43 | 56.2 | 0 | 0.0 | 21 | 27.4 | 19 | 24.8 | 3 | 3.9 | 86 | 112.4 |
| Bath County | 3 | 72.8 | 0 | 0.0 | 1 | 24.3 | 1 | 24.3 | 1 | 24.3 | 6 | 145.7 |
| Bedford County | 47 | 58.9 | 5 | 6.3 | 16 | 20.0 | 15 | 18.8 | 2 | 2.5 | 85 | 106.5 |
| Bland County | 8 | 128.2 | 0 | 0.0 | 1 | 16.0 | 2 | 32.1 | 0 | 0.0 | 11 | 176.3 |
| Botetourt County | 15 | 44.6 | 0 | 0.0 | 3 | 8.9 | 8 | 23.8 | 0 | 0.0 | 26 | 77.3 |
| Bristol City | 1 | 5.8 | 2 | 11.5 | 6 | 34.6 | 3 | 17.3 | 0 | 0.0 | 12 | 69.2 |
| Brunswick County | 14 | 87.3 | 1 | 6.2 | 6 | 37.4 | 1 | 6.2 | 1 | 6.2 | 23 | 143.4 |
| Buchanan County | 6 | 29.1 | 1 | 4.9 | 9 | 43.7 | 5 | 24.3 | 2 | 9.7 | 23 | 111.6 |
| Buckingham County | 13 | 75.7 | 1 | 5.8 | 8 | 46.6 | 0 | 0.0 | 0 | 0.0 | 22 | 128.1 |
| Buena Vista City | 2 | 31.2 | 0 | 0.0 | 2 | 31.2 | 1 | 15.6 | 1 | 15.6 | 6 | 93.7 |
| Campbell County | 33 | 59.7 | 1 | 1.8 | 15 | 27.1 | 12 | 21.7 | 2 | 3.6 | 63 | 113.9 |
| Caroline County | 24 | 77.8 | 1 | 3.2 | 9 | 29.2 | 6 | 19.4 | 0 | 0.0 | 40 | 129.6 |
| Carroll County | 16 | 53.2 | 0 | 0.0 | 12 | 39.9 | 2 | 6.7 | 0 | 0.0 | 30 | 99.8 |
| Charles City County | 3 | 44.0 | 1 | 14.7 | 2 | 29.3 | 1 | 14.7 | 0 | 0.0 | 7 | 102.6 |
| Charlotte County | 14 | 118.4 | 0 | 0.0 | 6 | 50.8 | 3 | 25.4 | 0 | 0.0 | 23 | 194.6 |
| Charlottesville City | 25 | 53.2 | 5 | 10.6 | 14 | 29.8 | 1 | 2.1 | 0 | 0.0 | 45 | 95.8 |
| Chesapeake City | 108 | 43.7 | 20 | 8.1 | 56 | 22.7 | 27 | 10.9 | 8 | 3.2 | 220 | 89.1 |
| Chesterfield County | 196 | 54.7 | 20 | 5.6 | 82 | 22.9 | 59 | 16.5 | 4 | 1.1 | 361 | 100.8 |
| Clarke County | 3 | 20.5 | 0 | 0.0 | 7 | 47.9 | 3 | 20.5 | 0 | 0.0 | 13 | 88.9 |
| Colonial Heights City | 4 | 23.2 | 3 | 17.4 | 9 | 52.3 | 2 | 11.6 | 1 | 5.8 | 19 | 110.4 |
| Covington City | 5 | 88.7 | 0 | 0.0 | 0 | 0.0 | 2 | 35.5 | 0 | 0.0 | 7 | 124.1 |
| Craig County | 7 | 137.9 | 0 | 0.0 | 2 | 39.4 | 3 | 59.1 | 0 | 0.0 | 12 | 236.4 |

| Locality of Residence | Accident Total | Accident Rate | Homicide Total | Homicide Rate | Natural Total | Natural Rate | Suicide Total | Suicide Rate | Undet. Total | Undet. Rate | Total | Total Rate |
|-----------------------|-------------------|------------------|-------------------|------------------|------------------|-----------------|------------------|-----------------|-----------------|----------------|-------|---------------|
| Culpeper County | 35 | 65.3 | 2 | 3.7 | 13 | 24.3 | 4 | 7.5 | 1 | 1.9 | 55 | 102.7 |
| Cumberland County | 5 | 50.3 | 0 | 0.0 | 3 | 30.2 | 2 | 20.1 | 0 | 0.0 | 10 | 100.7 |
| Danville City | 29 | 72.7 | 5 | 12.5 | 15 | 37.6 | 5 | 12.5 | 0 | 0.0 | 54 | 135.4 |
| Dickenson County | 10 | 71.0 | 1 | 7.1 | 5 | 35.5 | 4 | 28.4 | 0 | 0.0 | 20 | 142.1 |
| Dinwiddie County | 20 | 69.7 | 3 | 10.5 | 9 | 31.4 | 8 | 27.9 | 1 | 3.5 | 41 | 142.9 |
| Emporia City | 6 | 114.1 | 1 | 19.0 | 2 | 38.0 | 1 | 19.0 | 0 | 0.0 | 10 | 190.2 |
| Essex County | 6 | 54.8 | 0 | 0.0 | 2 | 18.3 | 2 | 18.3 | 0 | 0.0 | 10 | 91.4 |
| Fairfax City | 6 | 25.6 | 0 | 0.0 | 1 | 4.3 | 4 | 17.1 | 0 | 0.0 | 11 | 47.0 |
| Fairfax County | 228 | 19.8 | 19 | 1.7 | 138 | 12.0 | 97 | 8.4 | 13 | 1.1 | 495 | 43.0 |
| Falls Church City | 2 | 13.7 | 0 | 0.0 | 2 | 13.7 | 2 | 13.7 | 0 | 0.0 | 6 | 41.0 |
| Fauquier County | 29 | 40.6 | 6 | 8.4 | 15 | 21.0 | 7 | 9.8 | 2 | 2.8 | 59 | 82.7 |
| Floyd County | 12 | 76.1 | 1 | 6.3 | 9 | 57.0 | 4 | 25.4 | 1 | 6.3 | 27 | 171.1 |
| Fluvanna County | 17 | 62.0 | 0 | 0.0 | 9 | 32.8 | 5 | 18.2 | 0 | 0.0 | 31 | 113.0 |
| Franklin City | 7 | 89.4 | 1 | 12.8 | 2 | 25.5 | 1 | 12.8 | 1 | 12.8 | 12 | 153.2 |
| Franklin County | 41 | 73.0 | 5 | 8.9 | 18 | 32.0 | 17 | 30.3 | 2 | 3.6 | 83 | 147.8 |
| Frederick County | 47 | 51.6 | 0 | 0.0 | 7 | 7.7 | 8 | 8.8 | 0 | 0.0 | 62 | 68.0 |
| Fredericksburg City | 28 | 94.9 | 0 | 0.0 | 5 | 17.0 | 6 | 20.3 | 1 | 3.4 | 40 | 135.6 |
| Galax City | 6 | 95.3 | 0 | 0.0 | 1 | 15.9 | 5 | 79.4 | 0 | 0.0 | 12 | 190.6 |
| Giles County | 12 | 72.0 | 4 | 24.0 | 8 | 48.0 | 8 | 48.0 | 1 | 6.0 | 33 | 198.0 |
| Gloucester County | 19 | 50.7 | 3 | 8.0 | 14 | 37.4 | 3 | 8.0 | 0 | 0.0 | 39 | 104.1 |
| Goochland County | 12 | 49.1 | 0 | 0.0 | 7 | 28.7 | 9 | 36.8 | 0 | 0.0 | 28 | 114.6 |
| Grayson County | 5 | 32.3 | 0 | 0.0 | 6 | 38.7 | 2 | 12.9 | 1 | 6.5 | 14 | 90.4 |
| Greene County | 11 | 54.6 | 0 | 0.0 | 8 | 39.7 | 3 | 14.9 | 0 | 0.0 | 22 | 109.3 |
| Greensville County | 8 | 70.9 | 0 | 0.0 | 16 | 141.8 | 0 | 0.0 | 0 | 0.0 | 24 | 212.8 |
| Halifax County | 19 | 56.5 | 3 | 8.9 | 11 | 32.7 | 5 | 14.9 | 0 | 0.0 | 38 | 113.0 |
| Hampton City | 74 | 54.6 | 16 | 11.8 | 47 | 34.7 | 14 | 10.3 | 3 | 2.2 | 155 | 114.4 |
| Hanover County | 53 | 49.0 | 3 | 2.8 | 19 | 17.6 | 25 | 23.1 | 2 | 1.8 | 102 | 94.2 |
| Harrisonburg City | 17 | 32.0 | 1 | 1.9 | 7 | 13.2 | 4 | 7.5 | 0 | 0.0 | 29 | 54.5 |
| Henrico County | 165 | 49.4 | 23 | 6.9 | 87 | 26.1 | 47 | 14.1 | 4 | 1.2 | 326 | 97.7 |
| Henry County | 55 | 109.3 | 7 | 13.9 | 20 | 39.8 | 10 | 19.9 | 2 | 4.0 | 95 | 188.8 |

| Locality of Residence | Accident Total | Accident Rate | Homicide Total | Homicide Rate | Natural Total | Natural Rate | Suicide Total | Suicide Rate | Undet. Total | Undet. Rate | Total | Total Rate |
|-----------------------|-------------------|------------------|-------------------|------------------|------------------|-----------------|------------------|-----------------|-----------------|----------------|-------|---------------|
| Highland County | 1 | 45.5 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 45.5 |
| Hopewell City | 23 | 102.8 | 6 | 26.8 | 12 | 53.6 | 8 | 35.8 | 0 | 0.0 | 49 | 219.0 |
| Isle of Wight County | 18 | 47.7 | 0 | 0.0 | 17 | 45.1 | 5 | 13.3 | 0 | 0.0 | 40 | 106.0 |
| James City County | 45 | 58.0 | 3 | 3.9 | 21 | 27.1 | 7 | 9.0 | 1 | 1.3 | 77 | 99.2 |
| King and Queen County | 9 | 129.6 | 0 | 0.0 | 2 | 28.8 | 3 | 43.2 | 0 | 0.0 | 14 | 201.7 |
| King George County | 11 | 40.2 | 2 | 7.3 | 8 | 29.2 | 6 | 21.9 | 0 | 0.0 | 27 | 98.6 |
| King William County | 14 | 79.4 | 0 | 0.0 | 2 | 11.3 | 0 | 0.0 | 2 | 11.3 | 18 | 102.0 |
| Lancaster County | 7 | 65.9 | 2 | 18.8 | 5 | 47.1 | 3 | 28.3 | 0 | 0.0 | 17 | 160.1 |
| Lee County | 15 | 64.5 | 0 | 0.0 | 10 | 43.0 | 6 | 25.8 | 0 | 0.0 | 31 | 133.4 |
| Lexington City | 6 | 82.4 | 0 | 0.0 | 3 | 41.2 | 2 | 27.5 | 0 | 0.0 | 11 | 151.1 |
| Loudoun County | 65 | 15.4 | 2 | 0.5 | 43 | 10.2 | 32 | 7.6 | 4 | 0.9 | 146 | 34.5 |
| Louisa County | 26 | 68.2 | 2 | 5.2 | 16 | 42.0 | 5 | 13.1 | 1 | 2.6 | 51 | 133.7 |
| Lunenburg County | 9 | 73.4 | 1 | 8.2 | 7 | 57.1 | 3 | 24.5 | 0 | 0.0 | 20 | 163.0 |
| Lynchburg City | 55 | 67.4 | 6 | 7.4 | 18 | 22.1 | 9 | 11.0 | 5 | 6.1 | 94 | 115.3 |
| Madison County | 14 | 105.2 | 1 | 7.5 | 7 | 52.6 | 1 | 7.5 | 0 | 0.0 | 23 | 172.8 |
| Manassas City | 14 | 34.3 | 0 | 0.0 | 7 | 17.1 | 2 | 4.9 | 0 | 0.0 | 23 | 56.3 |
| Manassas Park City | 5 | 27.8 | 0 | 0.0 | 6 | 33.3 | 0 | 0.0 | 0 | 0.0 | 11 | 61.1 |
| Martinsville City | 22 | 178.1 | 3 | 24.3 | 7 | 56.7 | 2 | 16.2 | 0 | 0.0 | 34 | 275.2 |
| Mathews County | 7 | 79.9 | 0 | 0.0 | 5 | 57.0 | 1 | 11.4 | 0 | 0.0 | 13 | 148.3 |
| Mecklenburg County | 17 | 55.4 | 3 | 9.8 | 16 | 52.2 | 5 | 16.3 | 1 | 3.3 | 42 | 136.9 |
| Middlesex County | 10 | 94.6 | 0 | 0.0 | 4 | 37.8 | 5 | 47.3 | 0 | 0.0 | 19 | 179.8 |
| Montgomery County | 47 | 47.8 | 3 | 3.0 | 16 | 16.3 | 12 | 12.2 | 0 | 0.0 | 78 | 79.3 |
| Nelson County | 12 | 81.3 | 1 | 6.8 | 10 | 67.8 | 4 | 27.1 | 0 | 0.0 | 27 | 183.0 |
| New Kent County | 12 | 50.7 | 0 | 0.0 | 8 | 33.8 | 3 | 12.7 | 2 | 8.5 | 25 | 105.7 |
| Newport News City | 119 | 66.5 | 34 | 19.0 | 66 | 36.9 | 27 | 15.1 | 8 | 4.5 | 254 | 141.9 |
| Norfolk City | 141 | 58.1 | 45 | 18.5 | 75 | 30.9 | 31 | 12.8 | 13 | 5.4 | 305 | 125.6 |
| Northampton County | 12 | 102.8 | 1 | 8.6 | 3 | 25.7 | 1 | 8.6 | 0 | 0.0 | 17 | 145.6 |
| Northumberland County | 13 | 107.7 | 0 | 0.0 | 6 | 49.7 | 1 | 8.3 | 0 | 0.0 | 20 | 165.7 |
| Norton City | 2 | 50.2 | 1 | 25.1 | 3 | 75.3 | 1 | 25.1 | 1 | 25.1 | 8 | 200.8 |
| Nottoway County | 11 | 72.6 | 1 | 6.6 | 19 | 125.3 | 3 | 19.8 | 1 | 6.6 | 35 | 230.9 |

| Locality of Residence | Accident Total | Accident Rate | Homicide Total | Homicide Rate | Natural Total | Natural Rate | Suicide Total | Suicide Rate | Undet. Total | Undet. Rate | Total | Total Rate |
|-----------------------|-------------------|------------------|-------------------|------------------|------------------|-----------------|------------------|-----------------|-----------------|----------------|-------|---------------|
| Orange County | 28 | 74.3 | 1 | 2.7 | 10 | 26.5 | 5 | 13.3 | 2 | 5.3 | 46 | 122.0 |
| Page County | 12 | 50.1 | 0 | 0.0 | 9 | 37.6 | 7 | 29.2 | 0 | 0.0 | 28 | 117.0 |
| Patrick County | 20 | 114.3 | 0 | 0.0 | 4 | 22.9 | 9 | 51.4 | 0 | 0.0 | 33 | 188.6 |
| Petersburg City | 45 | 147.8 | 16 | 52.6 | 32 | 105.1 | 6 | 19.7 | 1 | 3.3 | 101 | 331.7 |
| Pittsylvania County | 47 | 78.5 | 2 | 3.3 | 22 | 36.8 | 15 | 25.1 | 2 | 3.3 | 88 | 147.0 |
| Poquoson City | 6 | 49.0 | 0 | 0.0 | 1 | 8.2 | 1 | 8.2 | 0 | 0.0 | 8 | 65.3 |
| Portsmouth City | 67 | 70.5 | 26 | 27.3 | 36 | 37.9 | 17 | 17.9 | 7 | 7.4 | 153 | 160.9 |
| Powhatan County | 23 | 76.3 | 0 | 0.0 | 7 | 23.2 | 4 | 13.3 | 0 | 0.0 | 34 | 112.8 |
| Prince Edward County | 17 | 73.9 | 2 | 8.7 | 9 | 39.1 | 1 | 4.3 | 0 | 0.0 | 29 | 126.1 |
| Prince George County | 13 | 33.6 | 4 | 10.3 | 4 | 10.3 | 3 | 7.8 | 2 | 5.2 | 26 | 67.2 |
| Prince William County | 149 | 31.3 | 7 | 1.5 | 82 | 17.2 | 31 | 6.5 | 7 | 1.5 | 276 | 58.0 |
| Pulaski County | 23 | 67.8 | 0 | 0.0 | 12 | 35.4 | 6 | 17.7 | 0 | 0.0 | 41 | 120.8 |
| Radford City | 6 | 32.9 | 0 | 0.0 | 5 | 27.4 | 1 | 5.5 | 1 | 5.5 | 14 | 76.7 |
| Rappahannock County | 12 | 165.3 | 0 | 0.0 | 6 | 82.6 | 4 | 55.1 | 1 | 13.8 | 23 | 316.8 |
| Richmond City | 186 | 80.1 | 57 | 24.5 | 83 | 35.7 | 21 | 9.0 | 8 | 3.4 | 355 | 152.9 |
| Richmond County | 5 | 55.1 | 1 | 11.0 | 2 | 22.0 | 0 | 0.0 | 0 | 0.0 | 8 | 88.2 |
| Roanoke City | 134 | 135.3 | 17 | 17.2 | 48 | 48.5 | 20 | 20.2 | 9 | 9.1 | 228 | 230.2 |
| Roanoke County | 62 | 65.6 | 1 | 1.1 | 20 | 21.2 | 7 | 7.4 | 0 | 0.0 | 90 | 95.2 |
| Rockbridge County | 16 | 70.3 | 1 | 4.4 | 6 | 26.4 | 7 | 30.8 | 1 | 4.4 | 31 | 136.2 |
| Rockingham County | 45 | 54.6 | 3 | 3.6 | 16 | 19.4 | 13 | 15.8 | 0 | 0.0 | 77 | 93.5 |
| Russell County | 14 | 52.5 | 1 | 3.8 | 9 | 33.8 | 6 | 22.5 | 1 | 3.8 | 31 | 116.3 |
| Salem City | 19 | 75.0 | 1 | 3.9 | 7 | 27.6 | 6 | 23.7 | 2 | 7.9 | 35 | 138.1 |
| Scott County | 9 | 41.6 | 1 | 4.6 | 5 | 23.1 | 8 | 37.0 | 0 | 0.0 | 23 | 106.3 |
| Shenandoah County | 21 | 47.8 | 1 | 2.3 | 9 | 20.5 | 9 | 20.5 | 0 | 0.0 | 40 | 91.1 |
| Smyth County | 22 | 73.1 | 4 | 13.3 | 12 | 39.9 | 12 | 39.9 | 0 | 0.0 | 50 | 166.2 |
| Southampton County | 5 | 28.4 | 2 | 11.3 | 23 | 130.4 | 1 | 5.7 | 1 | 5.7 | 32 | 181.4 |
| Spotsylvania County | 85 | 61.4 | 6 | 4.3 | 28 | 20.2 | 15 | 10.8 | 1 | 0.7 | 135 | 97.5 |
| Stafford County | 60 | 38.3 | 4 | 2.6 | 30 | 19.1 | 24 | 15.3 | 2 | 1.3 | 120 | 76.6 |
| Staunton City | 13 | 51.6 | 1 | 4.0 | 14 | 55.6 | 3 | 11.9 | 1 | 4.0 | 32 | 127.0 |
| Suffolk City | 49 | 52.2 | 4 | 4.3 | 25 | 26.6 | 9 | 9.6 | 5 | 5.3 | 92 | 98.0 |

| Locality of Residence | Accident Total | Accident Rate | Homicide Total | Homicide Rate | Natural Total | Natural Rate | Suicide Total | Suicide Rate | Undet. Total | Undet. Rate | Total | Total Rate |
|--------------------------------|-------------------|------------------|-------------------|------------------|------------------|-----------------|------------------|-----------------|-----------------|----------------|-------------|---------------|
| Surry County | 7 | 109.6 | 0 | 0.0 | 0 | 0.0 | 1 | 15.7 | 0 | 0.0 | 8 | 125.3 |
| Sussex County | 8 | 73.2 | 1 | 9.2 | 7 | 64.1 | 0 | 0.0 | 0 | 0.0 | 16 | 146.5 |
| Tazewell County | 34 | 83.9 | 3 | 7.4 | 16 | 39.5 | 8 | 19.7 | 0 | 0.0 | 62 | 153.0 |
| Virginia Beach City | 197 | 43.7 | 21 | 4.7 | 95 | 21.1 | 73 | 16.2 | 6 | 1.3 | 392 | 86.9 |
| Warren County | 29 | 71.6 | 2 | 4.9 | 12 | 29.6 | 2 | 4.9 | 1 | 2.5 | 46 | 113.7 |
| Washington County | 14 | 26.1 | 2 | 3.7 | 12 | 22.3 | 7 | 13.0 | 1 | 1.9 | 36 | 67.0 |
| Waynesboro City | 11 | 48.4 | 3 | 13.2 | 5 | 22.0 | 8 | 35.2 | 0 | 0.0 | 27 | 118.7 |
| Westmoreland County | 16 | 88.2 | 2 | 11.0 | 9 | 49.6 | 2 | 11.0 | 0 | 0.0 | 29 | 159.8 |
| Williamsburg City | 10 | 65.5 | 0 | 0.0 | 6 | 39.3 | 3 | 19.7 | 0 | 0.0 | 19 | 124.5 |
| Winchester City | 23 | 83.0 | 3 | 10.8 | 6 | 21.7 | 3 | 10.8 | 1 | 3.6 | 36 | 130.0 |
| Wise County | 18 | 48.4 | 2 | 5.4 | 17 | 45.7 | 8 | 21.5 | 0 | 0.0 | 45 | 120.9 |
| Wythe County | 16 | 55.9 | 2 | 7.0 | 5 | 17.5 | 6 | 21.0 | 0 | 0.0 | 29 | 101.3 |
| York County | 33 | 47.7 | 6 | 8.7 | 4 | 5.8 | 11 | 15.9 | 1 | 1.4 | 55 | 79.5 |
| Subtotal (in-state) | 4163 | 48.5 | 510 | 5.9 | 2110 | 24.6 | 1147 | 13.4 | 170 | 2.0 | 8108 | 94.4 |
| Out of State | 295 | ND | 36 | ND | 117 | ND | 57 | ND | 10 | ND | 515 | ND |
| Unknown | 26 | ND | 3 | ND | 19 | ND | 5 | ND | 7 | ND | 61 | ND |
| Subtotal (out-of-state) | 321 | ND | 39 | ND | 136 | ND | 62 | ND | 17 | ND | 576 | ND |
| TOTAL | 4484 | 52.2 | 549 | 6.4 | 2246 | 26.1 | 1209 | 14.1 | 187 | 2.2 | 8684 | 101.1 |

* 'ND' represents no denominator for which to calculate rate

** Fatalities certified as 'undefined for fetal deaths' manner of death are omitted by counts and rates by locality because of small case counts, but are included in the summed total

Map 1.1 Number of OCME Cases by Locality of Residence, 2020

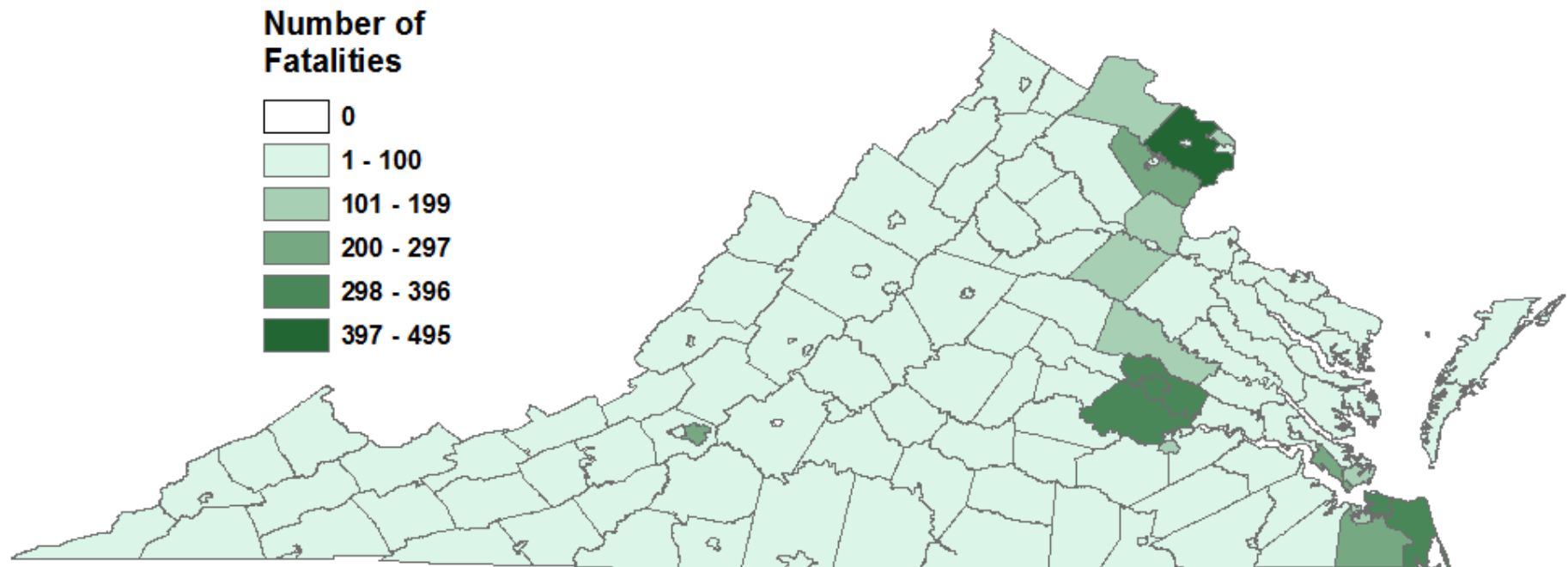


Table 1.10 Number and Rate of OCME Cases by Manner of Death and Locality of Injury, 2020

| Locality of Injury | Accident Total | Accident Rate | Homicide Total | Homicide Rate | Natural Total | Natural Rate | Suicide Total | Suicide Rate | Undet. Total | Undet. Rate | Total | Total Rate |
|-----------------------|-------------------|------------------|-------------------|------------------|------------------|-----------------|------------------|-----------------|-----------------|----------------|-------|---------------|
| Accomack County | 17 | 52.7 | 6 | 18.6 | 18 | 55.8 | 5 | 15.5 | 1 | 3.1 | 47 | 145.8 |
| Albemarle County | 63 | 56.9 | 6 | 5.4 | 16 | 14.5 | 20 | 18.1 | 1 | 0.9 | 106 | 95.8 |
| Alexandria City | 23 | 14.5 | 3 | 1.9 | 19 | 12.0 | 16 | 10.1 | 4 | 2.5 | 65 | 41.0 |
| Alleghany County | 10 | 68.0 | 1 | 6.8 | 9 | 61.2 | 3 | 20.4 | 2 | 13.6 | 25 | 170.1 |
| Amelia County | 14 | 107.6 | 1 | 7.7 | 5 | 38.4 | 2 | 15.4 | 0 | 0.0 | 22 | 169.0 |
| Amherst County | 22 | 69.5 | 0 | 0.0 | 12 | 37.9 | 10 | 31.6 | 1 | 3.2 | 45 | 142.1 |
| Appomattox County | 10 | 62.3 | 0 | 0.0 | 2 | 12.5 | 4 | 24.9 | 0 | 0.0 | 16 | 99.7 |
| Arlington County | 49 | 20.4 | 3 | 1.2 | 48 | 20.0 | 13 | 5.4 | 3 | 1.2 | 116 | 48.3 |
| Augusta County | 39 | 51.0 | 0 | 0.0 | 22 | 28.7 | 19 | 24.8 | 4 | 5.2 | 84 | 109.7 |
| Bath County | 4 | 97.1 | 0 | 0.0 | 1 | 24.3 | 1 | 24.3 | 0 | 0.0 | 6 | 145.7 |
| Bedford County | 51 | 63.9 | 3 | 3.8 | 17 | 21.3 | 18 | 22.6 | 2 | 2.5 | 91 | 114.0 |
| Bland County | 9 | 144.3 | 2 | 32.1 | 1 | 16.0 | 2 | 32.1 | 0 | 0.0 | 14 | 224.4 |
| Botetourt County | 18 | 53.5 | 1 | 3.0 | 8 | 23.8 | 7 | 20.8 | 0 | 0.0 | 34 | 101.1 |
| Bristol City | 3 | 17.3 | 1 | 5.8 | 7 | 40.4 | 4 | 23.1 | 0 | 0.0 | 15 | 86.6 |
| Brunswick County | 19 | 118.5 | 1 | 6.2 | 4 | 24.9 | 2 | 12.5 | 1 | 6.2 | 27 | 168.4 |
| Buchanan County | 4 | 19.4 | 1 | 4.9 | 6 | 29.1 | 5 | 24.3 | 2 | 9.7 | 18 | 87.3 |
| Buckingham County | 13 | 75.7 | 1 | 5.8 | 4 | 23.3 | 2 | 11.6 | 0 | 0.0 | 20 | 116.5 |
| Buena Vista City | 1 | 15.6 | 0 | 0.0 | 2 | 31.2 | 1 | 15.6 | 0 | 0.0 | 4 | 62.5 |
| Campbell County | 28 | 50.6 | 2 | 3.6 | 19 | 34.4 | 13 | 23.5 | 2 | 3.6 | 64 | 115.7 |
| Caroline County | 26 | 84.3 | 1 | 3.2 | 7 | 22.7 | 7 | 22.7 | 1 | 3.2 | 42 | 136.1 |
| Carroll County | 18 | 59.9 | 0 | 0.0 | 14 | 46.6 | 4 | 13.3 | 0 | 0.0 | 36 | 119.7 |
| Charles City County | 6 | 88.0 | 1 | 14.7 | 1 | 14.7 | 1 | 14.7 | 1 | 14.7 | 10 | 146.6 |
| Charlotte County | 8 | 67.7 | 0 | 0.0 | 5 | 42.3 | 2 | 16.9 | 0 | 0.0 | 15 | 126.9 |
| Charlottesville City | 29 | 61.8 | 4 | 8.5 | 15 | 31.9 | 5 | 10.6 | 0 | 0.0 | 53 | 112.9 |
| Chesapeake City | 96 | 38.9 | 14 | 5.7 | 62 | 25.1 | 27 | 10.9 | 6 | 2.4 | 206 | 83.4 |
| Chesterfield County | 174 | 48.6 | 16 | 4.5 | 55 | 15.4 | 52 | 14.5 | 5 | 1.4 | 302 | 84.3 |
| Clarke County | 9 | 61.6 | 0 | 0.0 | 7 | 47.9 | 3 | 20.5 | 0 | 0.0 | 19 | 129.9 |
| Colonial Heights City | 4 | 23.2 | 0 | 0.0 | 8 | 46.5 | 2 | 11.6 | 1 | 5.8 | 15 | 87.2 |
| Covington City | 4 | 70.9 | 1 | 17.7 | 1 | 17.7 | 2 | 35.5 | 0 | 0.0 | 8 | 141.9 |
| Craig County | 3 | 59.1 | 2 | 39.4 | 1 | 19.7 | 4 | 78.8 | 0 | 0.0 | 10 | 197.0 |

| Locality of Injury | Accident Total | Accident Rate | Homicide Total | Homicide Rate | Natural Total | Natural Rate | Suicide Total | Suicide Rate | Undet. Total | Undet. Rate | Total | Total Rate |
|---------------------|-------------------|------------------|-------------------|------------------|------------------|-----------------|------------------|-----------------|-----------------|----------------|-------|---------------|
| Culpeper County | 33 | 61.6 | 2 | 3.7 | 13 | 24.3 | 2 | 3.7 | 1 | 1.9 | 51 | 95.2 |
| Cumberland County | 7 | 70.5 | 0 | 0.0 | 2 | 20.1 | 2 | 20.1 | 0 | 0.0 | 11 | 110.7 |
| Danville City | 32 | 80.3 | 5 | 12.5 | 12 | 30.1 | 6 | 15.0 | 1 | 2.5 | 56 | 140.5 |
| Dickenson County | 8 | 56.8 | 1 | 7.1 | 5 | 35.5 | 4 | 28.4 | 0 | 0.0 | 18 | 127.9 |
| Dinwiddie County | 14 | 48.8 | 2 | 7.0 | 8 | 27.9 | 8 | 27.9 | 1 | 3.5 | 33 | 115.0 |
| Emporia City | 3 | 57.1 | 2 | 38.0 | 2 | 38.0 | 1 | 19.0 | 0 | 0.0 | 8 | 152.2 |
| Essex County | 6 | 54.8 | 0 | 0.0 | 3 | 27.4 | 2 | 18.3 | 0 | 0.0 | 11 | 100.5 |
| Fairfax City | 3 | 12.8 | 0 | 0.0 | 1 | 4.3 | 1 | 4.3 | 0 | 0.0 | 5 | 21.3 |
| Fairfax County | 256 | 22.2 | 18 | 1.6 | 143 | 12.4 | 98 | 8.5 | 9 | 0.8 | 524 | 45.5 |
| Falls Church City | 1 | 6.8 | 1 | 6.8 | 2 | 13.7 | 2 | 13.7 | 0 | 0.0 | 6 | 41.0 |
| Fauquier County | 35 | 49.0 | 6 | 8.4 | 20 | 28.0 | 13 | 18.2 | 2 | 2.8 | 76 | 106.5 |
| Floyd County | 10 | 63.4 | 1 | 6.3 | 10 | 63.4 | 4 | 25.4 | 0 | 0.0 | 25 | 158.5 |
| Fluvanna County | 15 | 54.7 | 0 | 0.0 | 4 | 14.6 | 4 | 14.6 | 0 | 0.0 | 23 | 83.9 |
| Franklin City | 5 | 63.8 | 2 | 25.5 | 3 | 38.3 | 1 | 12.8 | 1 | 12.8 | 12 | 153.2 |
| Franklin County | 45 | 80.1 | 6 | 10.7 | 17 | 30.3 | 15 | 26.7 | 1 | 1.8 | 84 | 149.6 |
| Frederick County | 53 | 58.2 | 4 | 4.4 | 7 | 7.7 | 12 | 13.2 | 1 | 1.1 | 77 | 84.5 |
| Fredericksburg City | 31 | 105.1 | 2 | 6.8 | 10 | 33.9 | 8 | 27.1 | 1 | 3.4 | 52 | 176.3 |
| Galax City | 5 | 79.4 | 0 | 0.0 | 1 | 15.9 | 4 | 63.5 | 0 | 0.0 | 10 | 158.8 |
| Giles County | 15 | 90.0 | 3 | 18.0 | 7 | 42.0 | 6 | 36.0 | 1 | 6.0 | 32 | 192.0 |
| Gloucester County | 24 | 64.1 | 3 | 8.0 | 14 | 37.4 | 3 | 8.0 | 0 | 0.0 | 44 | 117.5 |
| Goochland County | 7 | 28.7 | 0 | 0.0 | 3 | 12.3 | 9 | 36.8 | 0 | 0.0 | 19 | 77.8 |
| Grayson County | 5 | 32.3 | 0 | 0.0 | 6 | 38.7 | 1 | 6.5 | 1 | 6.5 | 13 | 83.9 |
| Greene County | 14 | 69.5 | 1 | 5.0 | 6 | 29.8 | 3 | 14.9 | 0 | 0.0 | 24 | 119.2 |
| Greensville County | 12 | 106.4 | 1 | 8.9 | 9 | 79.8 | 0 | 0.0 | 0 | 0.0 | 22 | 195.0 |
| Halifax County | 18 | 53.5 | 4 | 11.9 | 11 | 32.7 | 5 | 14.9 | 0 | 0.0 | 38 | 113.0 |
| Hampton City | 84 | 62.0 | 24 | 17.7 | 46 | 34.0 | 16 | 11.8 | 3 | 2.2 | 174 | 128.4 |
| Hanover County | 66 | 61.0 | 0 | 0.0 | 21 | 19.4 | 22 | 20.3 | 1 | 0.9 | 110 | 101.6 |
| Harrisonburg City | 18 | 33.8 | 1 | 1.9 | 10 | 18.8 | 5 | 9.4 | 0 | 0.0 | 34 | 63.9 |
| Henrico County | 152 | 45.5 | 17 | 5.1 | 57 | 17.1 | 48 | 14.4 | 4 | 1.2 | 278 | 83.3 |
| Henry County | 55 | 109.3 | 9 | 17.9 | 17 | 33.8 | 12 | 23.9 | 3 | 6.0 | 97 | 192.8 |

| Locality of Injury | Accident Total | Accident Rate | Homicide Total | Homicide Rate | Natural Total | Natural Rate | Suicide Total | Suicide Rate | Undet. Total | Undet. Rate | Total | Total Rate |
|-----------------------|-------------------|------------------|-------------------|------------------|------------------|-----------------|------------------|-----------------|-----------------|----------------|-------|---------------|
| Highland County | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 45.5 | 0 | 0.0 | 1 | 45.5 |
| Hopewell City | 20 | 89.4 | 6 | 26.8 | 9 | 40.2 | 7 | 31.3 | 0 | 0.0 | 42 | 187.7 |
| Isle of Wight County | 18 | 47.7 | 1 | 2.7 | 15 | 39.8 | 5 | 13.3 | 0 | 0.0 | 39 | 103.4 |
| James City County | 43 | 55.4 | 3 | 3.9 | 28 | 36.1 | 8 | 10.3 | 1 | 1.3 | 83 | 106.9 |
| King and Queen County | 9 | 129.6 | 0 | 0.0 | 1 | 14.4 | 2 | 28.8 | 0 | 0.0 | 12 | 172.9 |
| King George County | 12 | 43.8 | 1 | 3.7 | 6 | 21.9 | 5 | 18.3 | 0 | 0.0 | 24 | 87.7 |
| King William County | 13 | 73.7 | 0 | 0.0 | 1 | 5.7 | 1 | 5.7 | 2 | 11.3 | 17 | 96.4 |
| Lancaster County | 6 | 56.5 | 2 | 18.8 | 3 | 28.3 | 3 | 28.3 | 0 | 0.0 | 14 | 131.9 |
| Lee County | 14 | 60.2 | 0 | 0.0 | 11 | 47.3 | 6 | 25.8 | 0 | 0.0 | 31 | 133.4 |
| Lexington City | 6 | 82.4 | 0 | 0.0 | 3 | 41.2 | 1 | 13.7 | 0 | 0.0 | 10 | 137.4 |
| Loudoun County | 74 | 17.5 | 3 | 0.7 | 51 | 12.1 | 30 | 7.1 | 3 | 0.7 | 161 | 38.1 |
| Louisa County | 21 | 55.1 | 0 | 0.0 | 11 | 28.8 | 6 | 15.7 | 1 | 2.6 | 40 | 104.9 |
| Lunenburg County | 9 | 73.4 | 1 | 8.2 | 4 | 32.6 | 3 | 24.5 | 0 | 0.0 | 17 | 138.6 |
| Lynchburg City | 57 | 69.9 | 5 | 6.1 | 18 | 22.1 | 9 | 11.0 | 5 | 6.1 | 95 | 116.5 |
| Madison County | 11 | 82.6 | 1 | 7.5 | 6 | 45.1 | 1 | 7.5 | 0 | 0.0 | 19 | 142.7 |
| Manassas City | 19 | 46.5 | 1 | 2.4 | 5 | 12.2 | 2 | 4.9 | 0 | 0.0 | 27 | 66.1 |
| Manassas Park City | 5 | 27.8 | 0 | 0.0 | 4 | 22.2 | 0 | 0.0 | 0 | 0.0 | 9 | 50.0 |
| Martinsville City | 20 | 161.9 | 2 | 16.2 | 7 | 56.7 | 1 | 8.1 | 0 | 0.0 | 30 | 242.8 |
| Mathews County | 8 | 91.3 | 0 | 0.0 | 5 | 57.0 | 1 | 11.4 | 0 | 0.0 | 14 | 159.7 |
| Mecklenburg County | 19 | 61.9 | 4 | 13.0 | 11 | 35.9 | 5 | 16.3 | 1 | 3.3 | 40 | 130.4 |
| Middlesex County | 12 | 113.5 | 0 | 0.0 | 2 | 18.9 | 6 | 56.8 | 0 | 0.0 | 20 | 189.2 |
| Montgomery County | 42 | 42.7 | 1 | 1.0 | 16 | 16.3 | 15 | 15.2 | 0 | 0.0 | 74 | 75.2 |
| Nelson County | 13 | 88.1 | 1 | 6.8 | 8 | 54.2 | 5 | 33.9 | 0 | 0.0 | 27 | 183.0 |
| New Kent County | 11 | 46.5 | 0 | 0.0 | 3 | 12.7 | 2 | 8.5 | 2 | 8.5 | 18 | 76.1 |
| Newport News City | 127 | 70.9 | 28 | 15.6 | 63 | 35.2 | 31 | 17.3 | 9 | 5.0 | 258 | 144.1 |
| Norfolk City | 163 | 67.1 | 52 | 21.4 | 71 | 29.2 | 40 | 16.5 | 12 | 4.9 | 338 | 139.2 |
| Northampton County | 9 | 77.1 | 1 | 8.6 | 4 | 34.3 | 1 | 8.6 | 0 | 0.0 | 15 | 128.5 |
| Northumberland County | 11 | 91.1 | 0 | 0.0 | 5 | 41.4 | 2 | 16.6 | 0 | 0.0 | 18 | 149.1 |
| Norton City | 2 | 50.2 | 0 | 0.0 | 4 | 100.4 | 1 | 25.1 | 1 | 25.1 | 8 | 200.8 |
| Nottoway County | 12 | 79.2 | 2 | 13.2 | 20 | 131.9 | 3 | 19.8 | 1 | 6.6 | 38 | 250.7 |

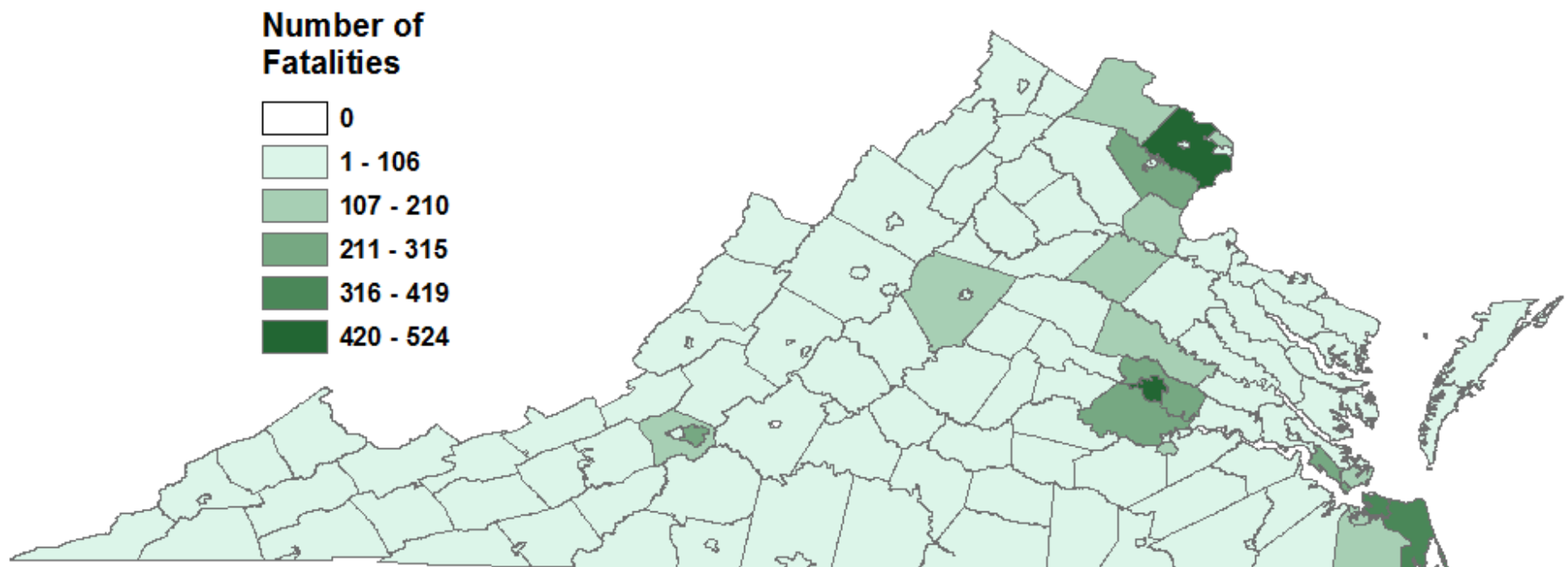
| Locality of Injury | Accident Total | Accident Rate | Homicide Total | Homicide Rate | Natural Total | Natural Rate | Suicide Total | Suicide Rate | Undet. Total | Undet. Rate | Total | Total Rate |
|-----------------------|-------------------|------------------|-------------------|------------------|------------------|-----------------|------------------|-----------------|-----------------|----------------|-------|---------------|
| Orange County | 25 | 66.3 | 1 | 2.7 | 9 | 23.9 | 6 | 15.9 | 2 | 5.3 | 43 | 114.1 |
| Page County | 13 | 54.3 | 0 | 0.0 | 9 | 37.6 | 7 | 29.2 | 0 | 0.0 | 29 | 121.2 |
| Patrick County | 16 | 91.5 | 1 | 5.7 | 3 | 17.1 | 8 | 45.7 | 0 | 0.0 | 28 | 160.1 |
| Petersburg City | 47 | 154.4 | 22 | 72.3 | 30 | 98.5 | 7 | 23.0 | 0 | 0.0 | 107 | 351.4 |
| Pittsylvania County | 49 | 81.9 | 2 | 3.3 | 19 | 31.7 | 14 | 23.4 | 1 | 1.7 | 85 | 142.0 |
| Poquoson City | 7 | 57.1 | 0 | 0.0 | 1 | 8.2 | 1 | 8.2 | 0 | 0.0 | 9 | 73.4 |
| Portsmouth City | 72 | 75.7 | 32 | 33.7 | 36 | 37.9 | 18 | 18.9 | 7 | 7.4 | 165 | 173.5 |
| Powhatan County | 13 | 43.1 | 0 | 0.0 | 11 | 36.5 | 5 | 16.6 | 0 | 0.0 | 29 | 96.2 |
| Prince Edward County | 14 | 60.9 | 0 | 0.0 | 18 | 78.2 | 2 | 8.7 | 0 | 0.0 | 34 | 147.8 |
| Prince George County | 13 | 33.6 | 2 | 5.2 | 5 | 12.9 | 5 | 12.9 | 2 | 5.2 | 27 | 69.8 |
| Prince William County | 144 | 30.3 | 8 | 1.7 | 80 | 16.8 | 33 | 6.9 | 6 | 1.3 | 271 | 57.0 |
| Pulaski County | 29 | 85.5 | 0 | 0.0 | 12 | 35.4 | 7 | 20.6 | 1 | 2.9 | 49 | 144.4 |
| Radford City | 7 | 38.3 | 1 | 5.5 | 4 | 21.9 | 1 | 5.5 | 1 | 5.5 | 15 | 82.2 |
| Rappahannock County | 12 | 165.3 | 0 | 0.0 | 6 | 82.6 | 3 | 41.3 | 1 | 13.8 | 22 | 303.0 |
| Richmond City | 273 | 117.6 | 77 | 33.2 | 85 | 36.6 | 33 | 14.2 | 5 | 2.2 | 473 | 203.7 |
| Richmond County | 3 | 33.1 | 1 | 11.0 | 4 | 44.1 | 0 | 0.0 | 0 | 0.0 | 8 | 88.2 |
| Roanoke City | 153 | 154.5 | 17 | 17.2 | 48 | 48.5 | 18 | 18.2 | 8 | 8.1 | 244 | 246.3 |
| Roanoke County | 70 | 74.1 | 2 | 2.1 | 28 | 29.6 | 10 | 10.6 | 0 | 0.0 | 110 | 116.4 |
| Rockbridge County | 10 | 43.9 | 0 | 0.0 | 8 | 35.2 | 13 | 57.1 | 0 | 0.0 | 31 | 136.2 |
| Rockingham County | 43 | 52.2 | 4 | 4.9 | 16 | 19.4 | 14 | 17.0 | 0 | 0.0 | 77 | 93.5 |
| Russell County | 19 | 71.3 | 1 | 3.8 | 7 | 26.3 | 7 | 26.3 | 1 | 3.8 | 35 | 131.3 |
| Salem City | 21 | 82.9 | 1 | 3.9 | 6 | 23.7 | 6 | 23.7 | 1 | 3.9 | 35 | 138.1 |
| Scott County | 12 | 55.5 | 2 | 9.2 | 6 | 27.7 | 9 | 41.6 | 0 | 0.0 | 29 | 134.1 |
| Shenandoah County | 23 | 52.4 | 0 | 0.0 | 10 | 22.8 | 10 | 22.8 | 0 | 0.0 | 43 | 97.9 |
| Smyth County | 18 | 59.8 | 4 | 13.3 | 14 | 46.5 | 11 | 36.6 | 0 | 0.0 | 47 | 156.2 |
| Southampton County | 6 | 34.0 | 0 | 0.0 | 27 | 153.1 | 3 | 17.0 | 0 | 0.0 | 36 | 204.1 |
| Spotsylvania County | 83 | 59.9 | 5 | 3.6 | 14 | 10.1 | 13 | 9.4 | 2 | 1.4 | 117 | 84.5 |
| Stafford County | 61 | 38.9 | 2 | 1.3 | 27 | 17.2 | 26 | 16.6 | 3 | 1.9 | 119 | 75.9 |
| Staunton City | 15 | 59.5 | 2 | 7.9 | 13 | 51.6 | 3 | 11.9 | 0 | 0.0 | 33 | 131.0 |
| Suffolk City | 48 | 51.1 | 3 | 3.2 | 21 | 22.4 | 7 | 7.5 | 5 | 5.3 | 84 | 89.4 |

| Locality of Injury | Accident Total | Accident Rate | Homicide Total | Homicide Rate | Natural Total | Natural Rate | Suicide Total | Suicide Rate | Undet. Total | Undet. Rate | Total | Total Rate |
|--------------------------------|-------------------|------------------|-------------------|------------------|------------------|-----------------|------------------|-----------------|-----------------|----------------|-------------|---------------|
| Surry County | 6 | 94.0 | 0 | 0.0 | 1 | 15.7 | 1 | 15.7 | 0 | 0.0 | 8 | 125.3 |
| Sussex County | 15 | 137.3 | 2 | 18.3 | 5 | 45.8 | 0 | 0.0 | 0 | 0.0 | 22 | 201.4 |
| Tazewell County | 35 | 86.4 | 2 | 4.9 | 17 | 41.9 | 9 | 22.2 | 0 | 0.0 | 64 | 157.9 |
| Virginia Beach City | 202 | 44.8 | 20 | 4.4 | 97 | 21.5 | 67 | 14.8 | 7 | 1.6 | 393 | 87.1 |
| Warren County | 33 | 81.5 | 0 | 0.0 | 11 | 27.2 | 2 | 4.9 | 1 | 2.5 | 47 | 116.1 |
| Washington County | 19 | 35.4 | 5 | 9.3 | 12 | 22.3 | 8 | 14.9 | 2 | 3.7 | 46 | 85.7 |
| Waynesboro City | 9 | 39.6 | 2 | 8.8 | 5 | 22.0 | 7 | 30.8 | 0 | 0.0 | 23 | 101.1 |
| Westmoreland County | 19 | 104.7 | 2 | 11.0 | 6 | 33.1 | 2 | 11.0 | 0 | 0.0 | 29 | 159.8 |
| Williamsburg City | 13 | 85.2 | 0 | 0.0 | 7 | 45.9 | 3 | 19.7 | 0 | 0.0 | 23 | 150.7 |
| Winchester City | 23 | 83.0 | 3 | 10.8 | 7 | 25.3 | 4 | 14.4 | 1 | 3.6 | 38 | 137.2 |
| Wise County | 14 | 37.6 | 3 | 8.1 | 21 | 56.4 | 8 | 21.5 | 0 | 0.0 | 46 | 123.6 |
| Wythe County | 24 | 83.9 | 2 | 7.0 | 10 | 34.9 | 6 | 21.0 | 0 | 0.0 | 42 | 146.8 |
| York County | 27 | 39.0 | 5 | 7.2 | 7 | 10.1 | 11 | 15.9 | 2 | 2.9 | 52 | 75.1 |
| Subtotal (in-state) | 4350 | 50.6 | 537 | 6.3 | 2044 | 23.8 | 1204 | 14.0 | 165 | 1.9 | 8308 | 96.7 |
| Out of State | 74 | ND | 6 | ND | 6 | ND | 4 | ND | 5 | ND | 95 | ND |
| Unknown | 60 | ND | 6 | ND | 196 | ND | 1 | ND | 17 | ND | 281 | ND |
| Subtotal (out-of-state) | 134 | ND | 12 | ND | 202 | ND | 5 | ND | 22 | ND | 376 | ND |
| TOTAL | 4484 | 52.2 | 549 | 6.4 | 2246 | 26.1 | 1209 | 14.1 | 187 | 2.2 | 8684 | 101.1 |

* 'ND' represents no denominator for which to calculate rate

** Fatalities certified as 'undefined for fetal deaths' manner of death are omitted by counts and rates by locality because of small case counts, but are included in the summed total

Map 1.3 Number of OCME Cases by Locality of Injury, 2020



Map 1.4 Rate of OCME Cases by Locality of Injury, 2020

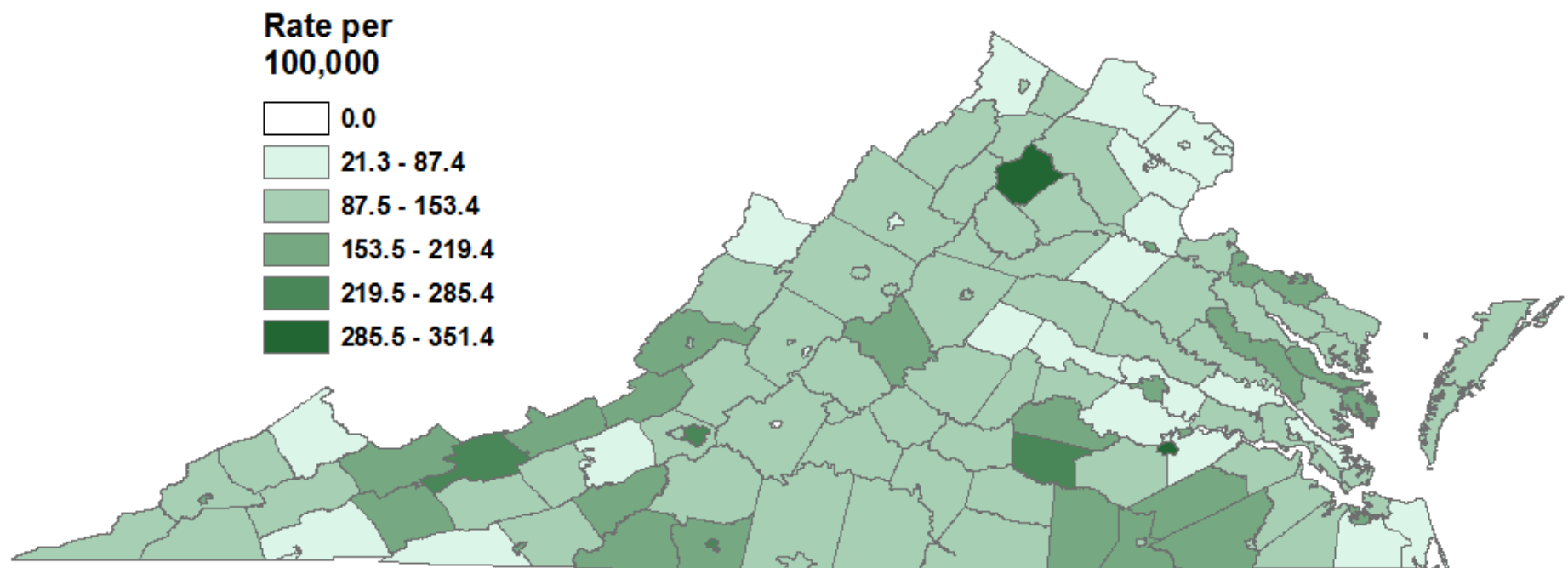


Table 1.11 Number of OCME Cases by Manner of Death and Locality of Death, 2020

| Locality of Death | Accident Total | Homicide Total | Natural Total | Suicide Total | Undet. Total | Total |
|-----------------------|-------------------|-------------------|------------------|------------------|-----------------|-------|
| Accomack County | 17 | 6 | 18 | 6 | 2 | 49 |
| Albemarle County | 50 | 5 | 20 | 20 | 0 | 95 |
| Alexandria City | 30 | 2 | 20 | 16 | 4 | 72 |
| Alleghany County | 10 | 1 | 10 | 5 | 2 | 28 |
| Amelia County | 10 | 1 | 4 | 2 | 0 | 17 |
| Amherst County | 6 | 0 | 10 | 8 | 1 | 25 |
| Appomattox County | 8 | 1 | 2 | 3 | 0 | 14 |
| Arlington County | 58 | 3 | 48 | 13 | 3 | 125 |
| Augusta County | 38 | 1 | 21 | 18 | 4 | 82 |
| Bath County | 3 | 0 | 1 | 1 | 0 | 5 |
| Bedford County | 40 | 3 | 17 | 15 | 2 | 77 |
| Bland County | 4 | 3 | 1 | 2 | 0 | 10 |
| Botetourt County | 10 | 1 | 7 | 7 | 0 | 25 |
| Bristol City | 3 | 0 | 7 | 4 | 0 | 14 |
| Brunswick County | 14 | 1 | 3 | 2 | 1 | 21 |
| Buchanan County | 5 | 1 | 7 | 4 | 1 | 18 |
| Buckingham County | 9 | 1 | 3 | 1 | 0 | 14 |
| Buena Vista City | 0 | 0 | 2 | 0 | 0 | 2 |
| Campbell County | 19 | 1 | 17 | 11 | 1 | 49 |
| Caroline County | 22 | 1 | 9 | 7 | 0 | 39 |
| Carroll County | 19 | 0 | 12 | 4 | 0 | 35 |
| Charles City County | 7 | 1 | 1 | 1 | 1 | 11 |
| Charlotte County | 9 | 0 | 6 | 2 | 0 | 17 |
| Charlottesville City | 105 | 6 | 31 | 12 | 2 | 156 |
| Chesapeake City | 79 | 10 | 60 | 24 | 4 | 178 |
| Chesterfield County | 139 | 9 | 73 | 46 | 2 | 269 |
| Clarke County | 6 | 0 | 5 | 3 | 0 | 14 |
| Colonial Heights City | 1 | 0 | 9 | 2 | 1 | 13 |
| Covington City | 2 | 1 | 0 | 0 | 0 | 3 |
| Craig County | 0 | 2 | 1 | 4 | 0 | 7 |
| Culpeper County | 25 | 2 | 12 | 2 | 0 | 41 |
| Cumberland County | 5 | 0 | 2 | 2 | 0 | 9 |
| Danville City | 30 | 4 | 14 | 5 | 1 | 54 |
| Dickenson County | 9 | 2 | 7 | 4 | 0 | 22 |
| Dinwiddie County | 10 | 1 | 9 | 7 | 0 | 27 |
| Emporia City | 6 | 2 | 2 | 1 | 0 | 11 |
| Essex County | 5 | 0 | 2 | 3 | 0 | 10 |
| Fairfax City | 1 | 0 | 1 | 1 | 0 | 3 |
| Fairfax County | 325 | 21 | 146 | 103 | 14 | 609 |
| Falls Church City | 1 | 1 | 2 | 2 | 0 | 6 |
| Fauquier County | 25 | 6 | 21 | 13 | 3 | 68 |
| Floyd County | 8 | 1 | 9 | 4 | 0 | 22 |

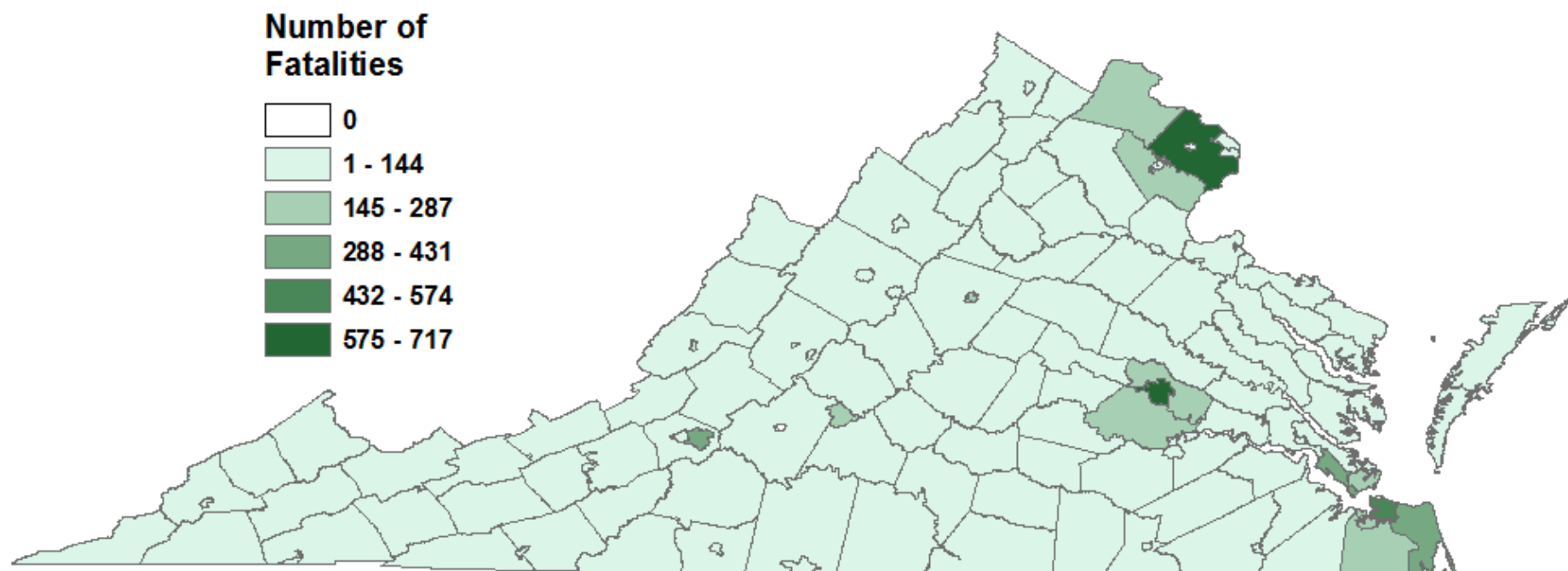
| Locality of Death | Accident Total | Homicide Total | Natural Total | Suicide Total | Undet. Total | Total |
|-----------------------|-------------------|-------------------|------------------|------------------|-----------------|-------|
| Fluvanna County | 11 | 0 | 5 | 4 | 0 | 20 |
| Franklin City | 4 | 2 | 10 | 0 | 1 | 17 |
| Franklin County | 34 | 6 | 17 | 13 | 1 | 71 |
| Frederick County | 27 | 3 | 5 | 10 | 1 | 46 |
| Fredericksburg City | 72 | 4 | 17 | 12 | 2 | 107 |
| Galax City | 5 | 0 | 3 | 4 | 1 | 13 |
| Giles County | 9 | 3 | 6 | 6 | 1 | 25 |
| Gloucester County | 22 | 3 | 14 | 4 | 0 | 43 |
| Goochland County | 4 | 0 | 3 | 8 | 0 | 15 |
| Grayson County | 3 | 0 | 6 | 1 | 0 | 10 |
| Greene County | 4 | 1 | 7 | 3 | 0 | 15 |
| Greensville County | 9 | 1 | 13 | 0 | 0 | 23 |
| Halifax County | 17 | 4 | 10 | 4 | 0 | 35 |
| Hampton City | 72 | 20 | 47 | 16 | 2 | 158 |
| Hanover County | 62 | 0 | 26 | 22 | 2 | 112 |
| Harrisonburg City | 16 | 1 | 8 | 5 | 0 | 30 |
| Henrico County | 144 | 11 | 75 | 46 | 5 | 281 |
| Henry County | 49 | 7 | 16 | 8 | 1 | 81 |
| Highland County | 0 | 0 | 0 | 1 | 0 | 1 |
| Hopewell City | 18 | 5 | 14 | 6 | 0 | 43 |
| Isle of Wight County | 12 | 1 | 13 | 4 | 0 | 30 |
| James City County | 32 | 3 | 21 | 5 | 0 | 61 |
| King and Queen County | 7 | 0 | 2 | 1 | 0 | 10 |
| King George County | 11 | 1 | 7 | 4 | 0 | 23 |
| King William County | 8 | 0 | 2 | 1 | 2 | 13 |
| Lancaster County | 6 | 2 | 5 | 2 | 0 | 15 |
| Lee County | 13 | 0 | 10 | 6 | 0 | 29 |
| Lexington City | 6 | 0 | 3 | 2 | 0 | 11 |
| Loudoun County | 58 | 2 | 51 | 30 | 4 | 145 |
| Louisa County | 17 | 0 | 12 | 6 | 1 | 37 |
| Lunenburg County | 4 | 1 | 6 | 3 | 0 | 14 |
| Lynchburg City | 100 | 5 | 38 | 16 | 6 | 166 |
| Madison County | 9 | 1 | 6 | 1 | 0 | 17 |
| Manassas City | 29 | 1 | 6 | 2 | 0 | 38 |
| Manassas Park City | 3 | 0 | 4 | 0 | 0 | 7 |
| Martinsville City | 12 | 2 | 8 | 3 | 1 | 26 |
| Mathews County | 5 | 0 | 5 | 1 | 0 | 11 |
| Mecklenburg County | 17 | 4 | 15 | 5 | 1 | 42 |
| Middlesex County | 10 | 0 | 4 | 4 | 0 | 18 |
| Montgomery County | 42 | 1 | 17 | 16 | 1 | 78 |
| Nelson County | 8 | 1 | 8 | 5 | 0 | 22 |
| New Kent County | 7 | 0 | 6 | 1 | 1 | 15 |

| Locality of Death | Accident Total | Homicide Total | Natural Total | Suicide Total | Undet. Total | Total |
|-----------------------|-------------------|-------------------|------------------|------------------|-----------------|-------|
| Newport News City | 156 | 33 | 63 | 32 | 9 | 293 |
| Norfolk City | 246 | 71 | 74 | 51 | 22 | 464 |
| Northampton County | 8 | 1 | 4 | 0 | 1 | 14 |
| Northumberland County | 7 | 0 | 6 | 2 | 0 | 15 |
| Norton City | 4 | 0 | 5 | 1 | 1 | 11 |
| Nottoway County | 9 | 2 | 13 | 3 | 0 | 27 |
| Orange County | 18 | 0 | 9 | 5 | 2 | 34 |
| Page County | 13 | 0 | 9 | 6 | 0 | 28 |
| Patrick County | 13 | 1 | 3 | 8 | 0 | 25 |
| Petersburg City | 49 | 21 | 47 | 7 | 3 | 127 |
| Pittsylvania County | 31 | 3 | 16 | 13 | 1 | 64 |
| Poquoson City | 3 | 0 | 1 | 1 | 0 | 5 |
| Portsmouth City | 64 | 21 | 37 | 18 | 7 | 147 |
| Powhatan County | 9 | 0 | 11 | 5 | 0 | 25 |
| Prince Edward County | 13 | 0 | 23 | 2 | 1 | 39 |
| Prince George County | 10 | 2 | 6 | 5 | 2 | 25 |
| Prince William County | 124 | 8 | 79 | 30 | 8 | 249 |
| Pulaski County | 22 | 0 | 12 | 6 | 1 | 41 |
| Radford City | 2 | 0 | 4 | 1 | 1 | 8 |
| Rappahannock County | 8 | 0 | 6 | 3 | 0 | 17 |
| Richmond City | 420 | 94 | 140 | 51 | 11 | 717 |
| Richmond County | 2 | 1 | 3 | 0 | 0 | 6 |
| Roanoke City | 280 | 24 | 67 | 31 | 8 | 411 |
| Roanoke County | 46 | 2 | 19 | 9 | 1 | 78 |
| Rockbridge County | 4 | 0 | 8 | 9 | 1 | 22 |
| Rockingham County | 40 | 4 | 18 | 15 | 0 | 77 |
| Russell County | 18 | 1 | 7 | 7 | 1 | 34 |
| Salem City | 30 | 0 | 6 | 5 | 2 | 43 |
| Scott County | 11 | 2 | 6 | 8 | 0 | 27 |
| Shenandoah County | 16 | 0 | 8 | 10 | 0 | 34 |
| Smyth County | 17 | 4 | 12 | 11 | 0 | 44 |
| Southampton County | 6 | 0 | 20 | 2 | 1 | 29 |
| Spotsylvania County | 73 | 5 | 21 | 12 | 3 | 114 |
| Stafford County | 39 | 1 | 26 | 23 | 1 | 90 |
| Staunton City | 9 | 1 | 11 | 3 | 0 | 24 |
| Suffolk City | 47 | 3 | 22 | 6 | 4 | 82 |
| Surry County | 3 | 0 | 1 | 1 | 0 | 5 |
| Sussex County | 12 | 1 | 8 | 0 | 0 | 21 |
| Tazewell County | 36 | 1 | 15 | 8 | 1 | 62 |
| Virginia Beach City | 188 | 21 | 97 | 64 | 4 | 374 |
| Warren County | 28 | 0 | 11 | 2 | 1 | 42 |
| Washington County | 19 | 5 | 14 | 8 | 2 | 48 |

| Locality of Death | Accident Total | Homicide Total | Natural Total | Suicide Total | Undet. Total | Total |
|--------------------------------|-------------------|-------------------|------------------|------------------|-----------------|-------------|
| Waynesboro City | 7 | 2 | 5 | 6 | 0 | 20 |
| Westmoreland County | 13 | 1 | 8 | 2 | 0 | 24 |
| Williamsburg City | 6 | 0 | 7 | 3 | 0 | 16 |
| Winchester City | 68 | 4 | 14 | 6 | 2 | 94 |
| Wise County | 14 | 2 | 17 | 9 | 0 | 42 |
| Wythe County | 23 | 3 | 10 | 6 | 0 | 42 |
| York County | 29 | 4 | 13 | 12 | 1 | 59 |
| Subtotal (in-state) | 4484 | 546 | 2245 | 1209 | 186 | 8679 |
| Out of State | 0 | 3 | 1 | 0 | 1 | 5 |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 |
| Subtotal (out-of-state) | 0 | 3 | 1 | 0 | 1 | 5 |
| TOTAL | 4484 | 549 | 2246 | 1209 | 187 | 8684 |

* Fatalities certified as 'undefined for fetal deaths' manner of death are omitted by counts and rates by locality because of small case counts, but are included in the summed total

Map 1.5 Number of OCME Cases by Locality of Death, 2020



SECTION 2: MANNERS OF DEATH

ACCIDENTAL DEATHS (N=4,484)

Accidents accounted for 51.6% of the deaths investigated by the OCME in 2020, which is the greatest proportion of deaths by any manner.

- The total number of accidental deaths increased 20.5% in 2020 compared to 2019
- For the fourth year in a row, fatal drug overdoses were the most common cause of accidental death (48.3%), followed by accidental motor vehicle deaths (21.4%)
- Seniors 85 years and older had the highest mortality rate due to falls (259.8 per 100,000 persons)
- Of the 3,188 (71.1%) of decedents of accidental death that were tested for ethanol, 1,040 (32.7%) had ethanol detected through toxicology. Of those tested, 693 (21.7%) had a blood alcohol concentration of 0.08% or greater; the level of legal intoxication

Figure 2.1 Number and Rate of Accidental Deaths by Year of Death, 1999-2020

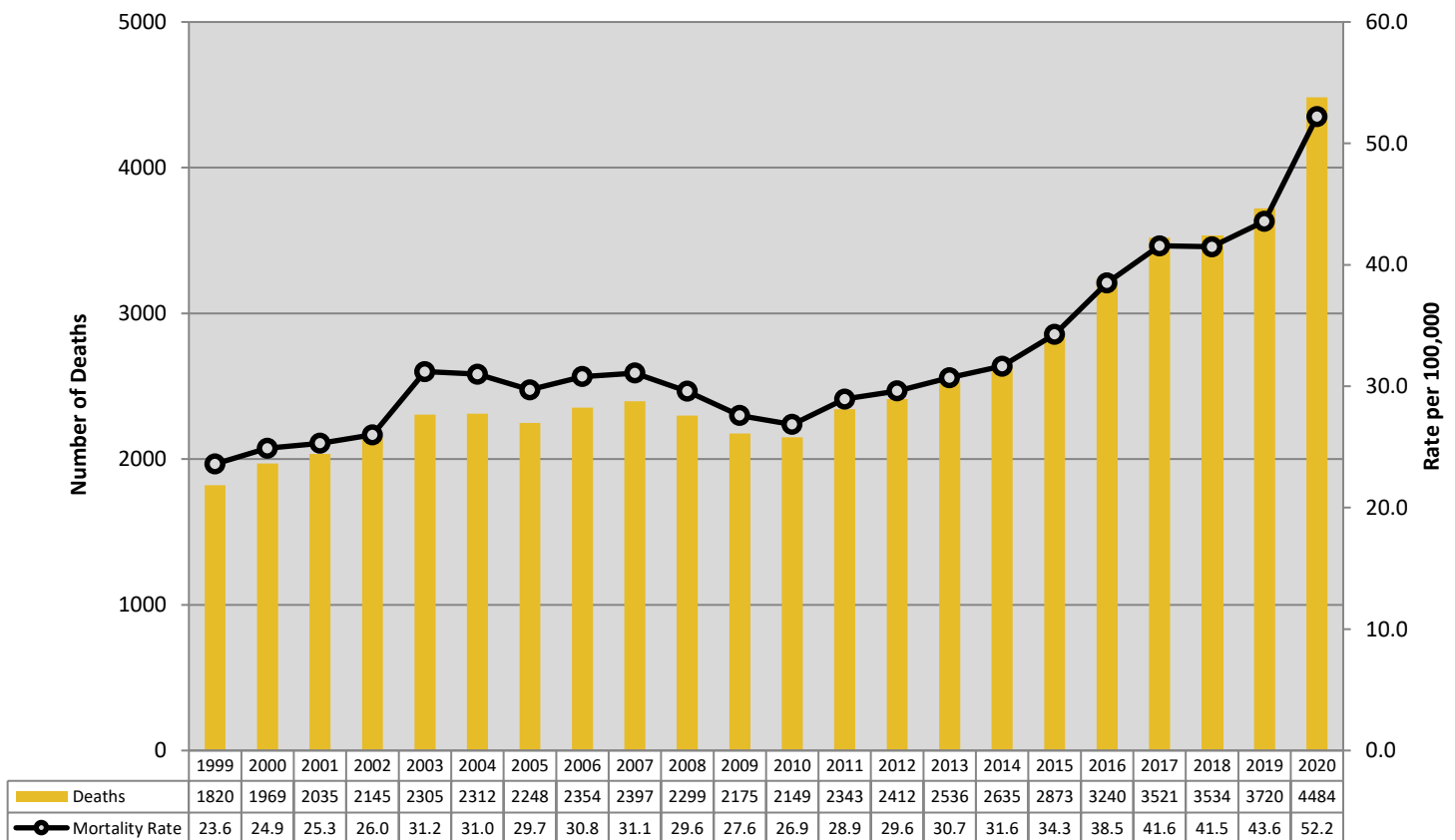
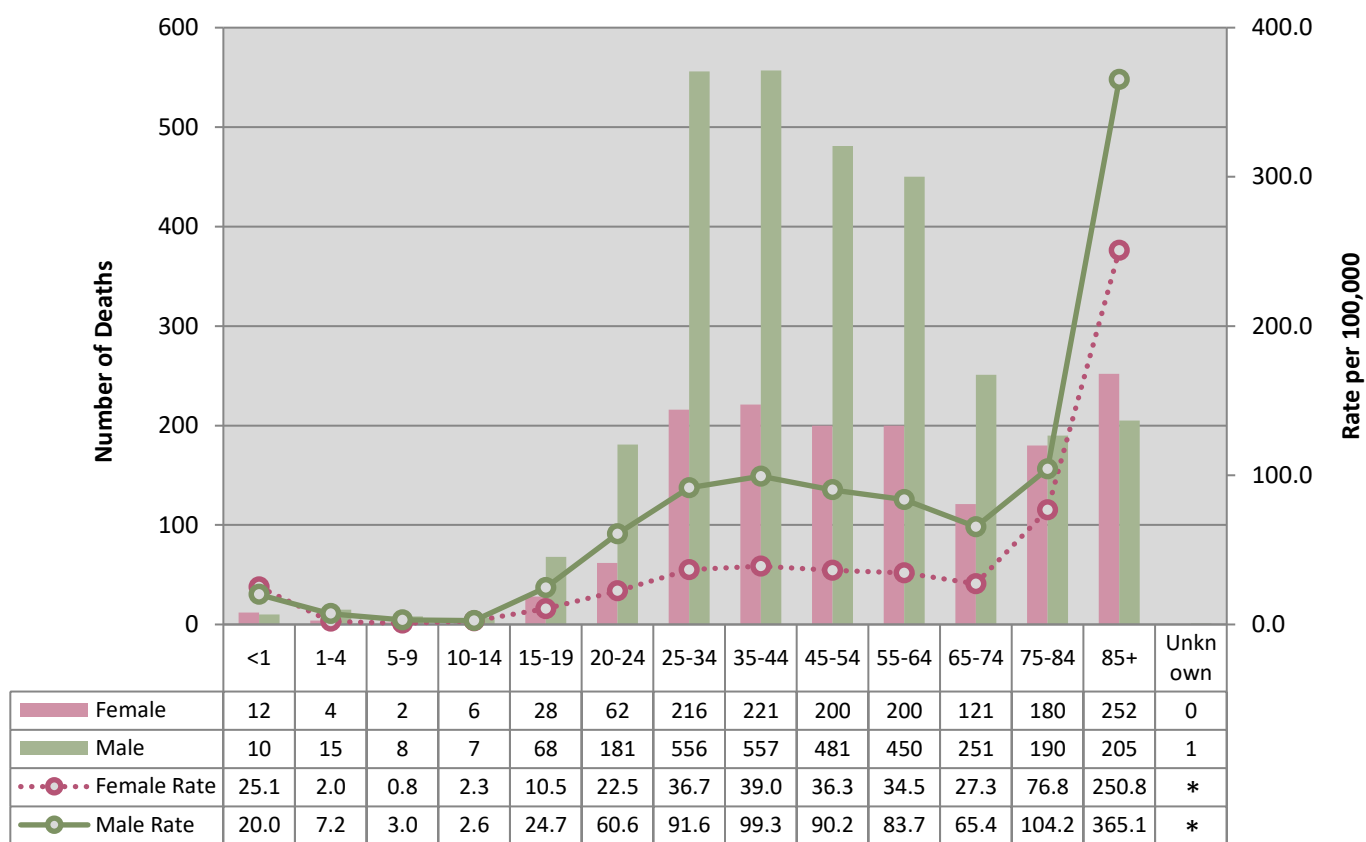


Figure 2.2 Number and Rate of Accidental Deaths by Age Group and Gender, 2020

* No rate can be calculated

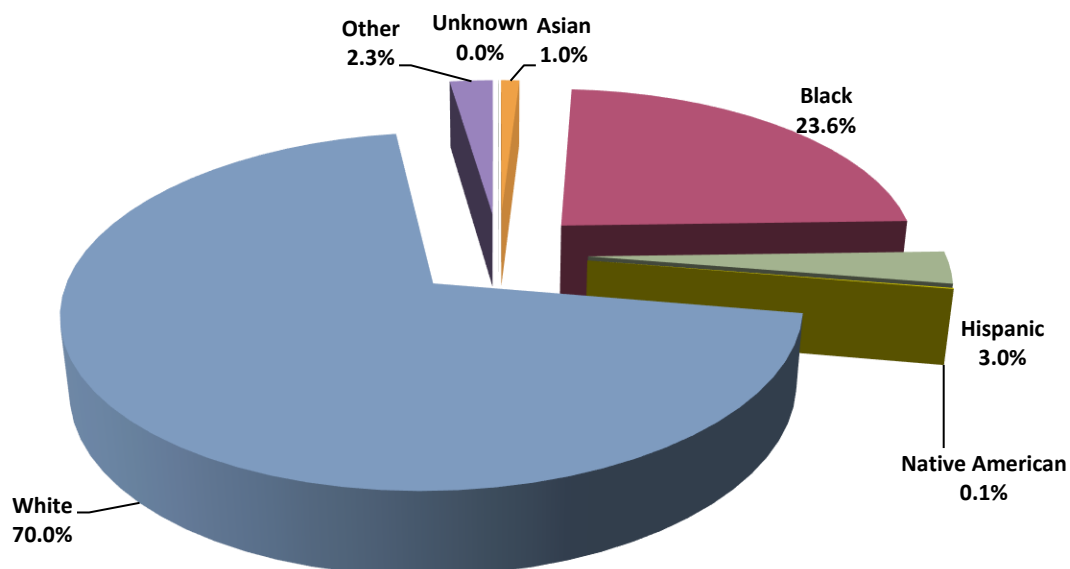
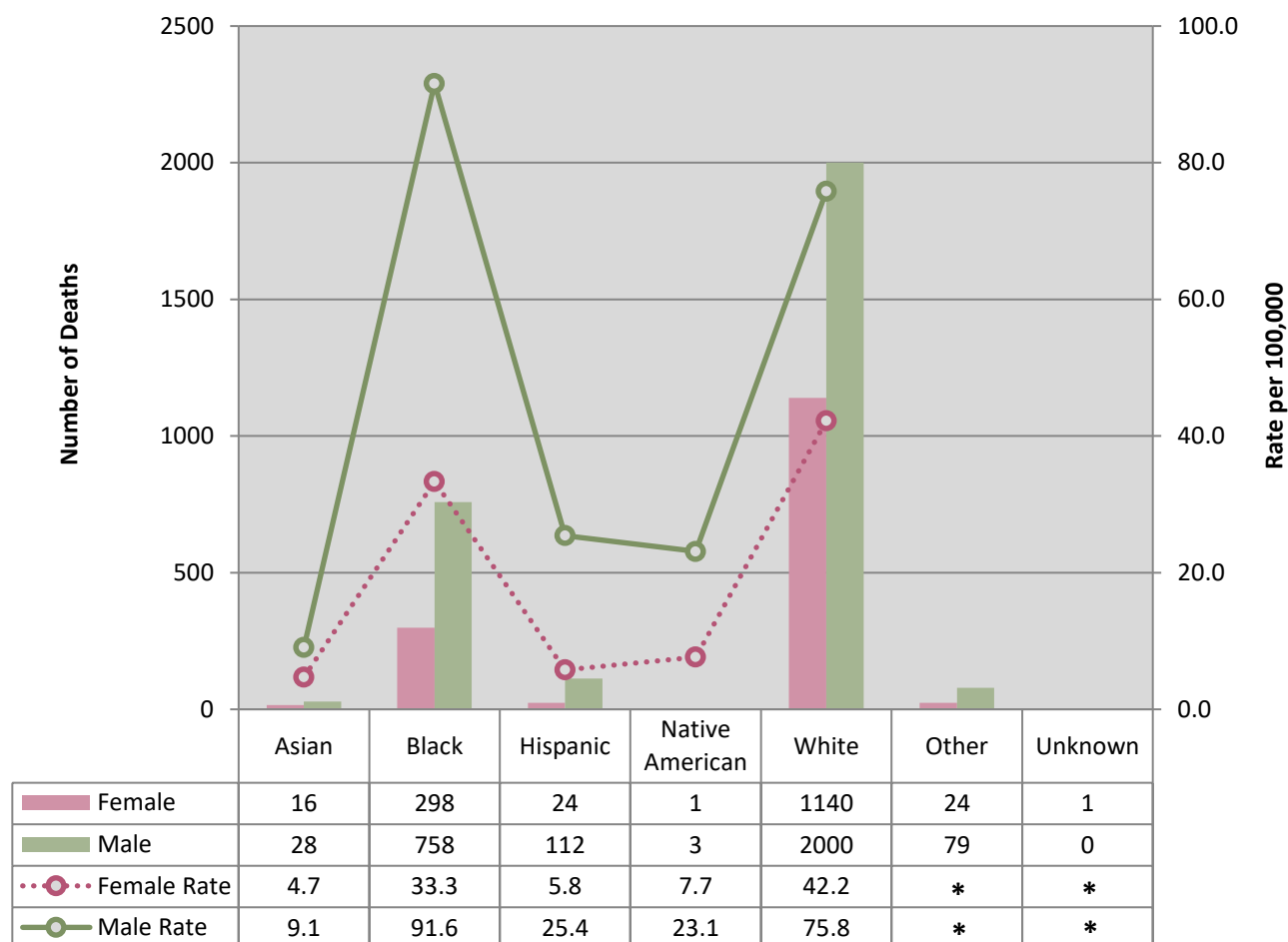
Figure 2.3 Percentage of Accidental Deaths by Race/Ethnicity, 2020

Figure 2.4 Number and Rate of Accidental Deaths by Race/Ethnicity and Gender, 2020

*No rate can be calculated

Note: Rates calculated from small sample sizes (<5 deaths) are considered unreliable and should be interpreted with caution (Native Americans)

Table 2.1 Number of Accidental Death Cases by Cause and Method of Death, 2020

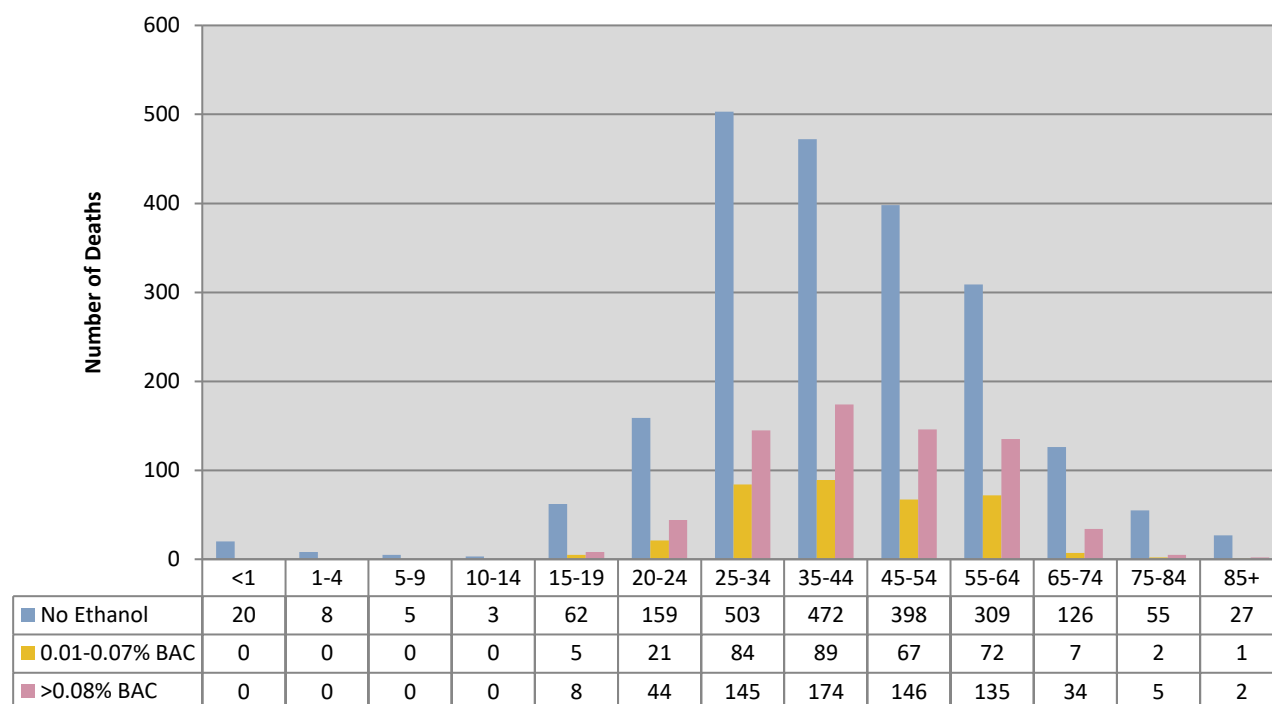
| Method of Death | Autopsied | Total Cases |
|--|-----------|-------------|
| Animal/Insect | | |
| Bit, stung, or kicked by an animal/insect | 1 | 3 |
| Asphyxia | | |
| Carbon Monoxide poisoning (motor vehicle exhaust) | 2 | 4 |
| Carbon Monoxide poisoning (other) | 4 | 6 |
| Choked on food/foreign object | 2 | 44 |
| Drowned | 65 | 102 |
| Hanged | 1 | 4 |
| Mechanical/Positional asphyxia | 10 | 17 |
| Strangled/neck compression | 0 | 2 |
| Suffocated/Smothered | 13 | 13 |
| Drug Poisoning | | |
| Ingested and/or injected ethanol, illicit, prescription, and/or other type of drug | 686 | 2168 |
| Electrical | | |
| Contacted electrical current | 2 | 5 |
| Exposure | | |
| Exposed to cold | 8 | 16 |
| Exposed to heat | 1 | 4 |
| Fall/Jump | | |
| Fell/Jumped from any height | 49 | 954 |
| Fire | | |
| Thermal burns and/or inhalation of combustion products | 43 | 85 |
| Motor Vehicle Collision | | |
| Aircraft | 2 | 2 |
| All Terrain Vehicle | 1 | 14 |
| Bicycle | 3 | 14 |
| Boat | 0 | 4 |
| Bus | 0 | 1 |
| Car | 45 | 406 |
| Construction Heavy Equipment | 2 | 4 |
| Dirt Bike | 0 | 1 |
| Dump Truck | 0 | 1 |
| Farm Equipment | 1 | 12 |
| Horse Drawn Buggy | 0 | 1 |
| Lawnmower | 1 | 5 |
| Mo-Ped | 3 | 15 |
| Motorcycle | 5 | 98 |
| Multiple | 2 | 4 |
| Pickup Truck | 11 | 126 |
| Skateboard | 0 | 1 |

| | | |
|---------------------------------|-------------|-------------|
| Sport Utility Vehicle | 16 | 133 |
| Tractor Trailer | 3 | 22 |
| Train | 1 | 5 |
| Truck Other | 2 | 11 |
| Van | 2 | 28 |
| Wheelchair | 0 | 1 |
| Unknown | 13 | 52 |
| Traumatic Injury | | |
| Accidental discharge of firearm | | |
| Handgun | 9 | 9 |
| Shotgun | 1 | 1 |
| Unknown | 1 | 2 |
| Explosion | 1 | 1 |
| Hit/Crushed by falling object | 8 | 18 |
| Sharp force injury | 1 | 5 |
| Other traumatic injury | 0 | 1 |
| Other/Undetermined | | |
| Other | 21 | 59 |
| TOTAL ACCIDENTAL DEATHS | 1042 | 4484 |

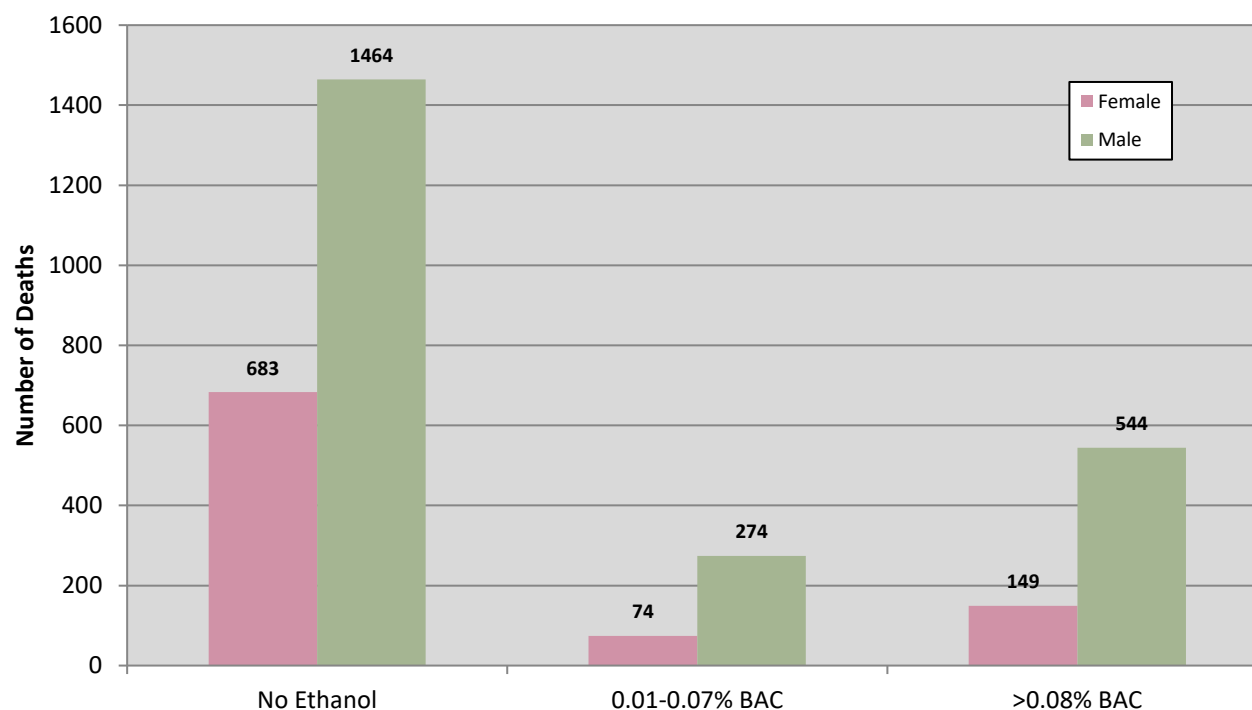
Table 2.2 Number and Rate of the Top Five Accidental Methods of Death by Age Group, 2020

| Method of Death | | | | | | | | | | | |
|-----------------|----------|------|----------|------|-------|-------|-----------------------|------|-------------------------|------|-------|
| Age Group | Drowning | | Drug Use | | Fall | | Fire/Smoke Inhalation | | Motor Vehicle Collision | | TOTAL |
| | Count | Rate | Count | Rate | Count | Rate | Count | Rate | Count | Rate | |
| <1 | 0 | 0.0 | 2 | 2.0 | 0 | 0.0 | 1 | 1.0 | 1 | 1.0 | 4 |
| 1-4 | 5 | 1.2 | 1 | 0.2 | 2 | 0.5 | 0 | 0.0 | 5 | 1.2 | 13 |
| 5-9 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.2 | 8 | 1.5 | 9 |
| 10-14 | 0 | 0.0 | 1 | 0.2 | 0 | 0.0 | 0 | 0.0 | 10 | 1.9 | 11 |
| 15-19 | 12 | 2.2 | 29 | 5.3 | 1 | 0.2 | 0 | 0.0 | 51 | 9.4 | 93 |
| 20-24 | 7 | 1.2 | 138 | 24.0 | 2 | 0.3 | 2 | 0.3 | 92 | 16.0 | 241 |
| 25-34 | 14 | 1.2 | 543 | 45.4 | 9 | 0.8 | 2 | 0.2 | 183 | 15.3 | 751 |
| 35-44 | 14 | 1.2 | 598 | 53.1 | 13 | 1.2 | 5 | 0.4 | 123 | 10.9 | 753 |
| 45-54 | 15 | 1.4 | 459 | 42.3 | 28 | 2.6 | 13 | 1.2 | 134 | 12.4 | 649 |
| 55-64 | 16 | 1.4 | 332 | 29.7 | 86 | 7.7 | 19 | 1.7 | 157 | 14.1 | 610 |
| 65-74 | 10 | 1.2 | 60 | 7.3 | 140 | 16.9 | 22 | 2.7 | 109 | 13.2 | 341 |
| 75-84 | 5 | 1.2 | 5 | 1.2 | 265 | 63.6 | 18 | 4.3 | 60 | 14.4 | 353 |
| 85+ | 4 | 2.6 | 0 | 0.0 | 407 | 259.8 | 2 | 1.3 | 28 | 17.9 | 441 |
| Unknown | 0 | ND | 0 | ND | 1 | ND | 0 | ND | 0 | ND | 1 |
| TOTAL | 102 | 1.2 | 2168 | 25.2 | 954 | 11.1 | 85 | 1.0 | 961 | 11.2 | 4270 |

Note: Highlighted pink cells indicate the highest rate among the method of death within the corresponding age group; rates are per 100,000; ND represents no denominator

Figure 2.5 Number of Accidental Deaths by Age Group and Ethanol Level (N=3,188), 2020

Note: Of the 4,484 accidental deaths, 28.9% (n=1,296) did not receive toxicology testing

Figure 2.6 Number of Accidental Deaths by Ethanol Level and Gender (N=3,188), 2020

Note: Of the 4,484 accidental deaths, 28.9% (n=1,296) did not receive toxicology testing

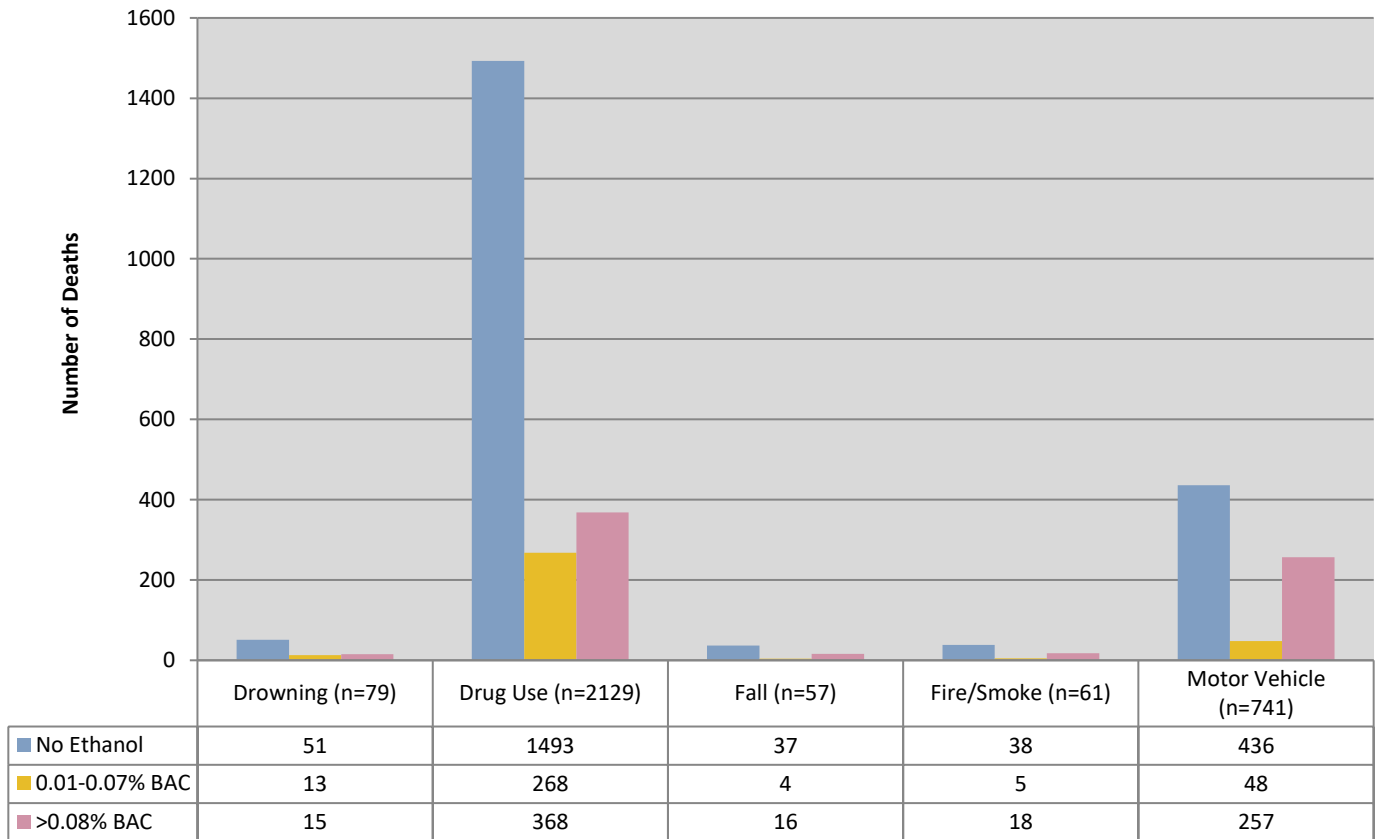
Figure 2.7 Number of the Top 5 Accidental Methods of Death by Ethanol Level, 2020

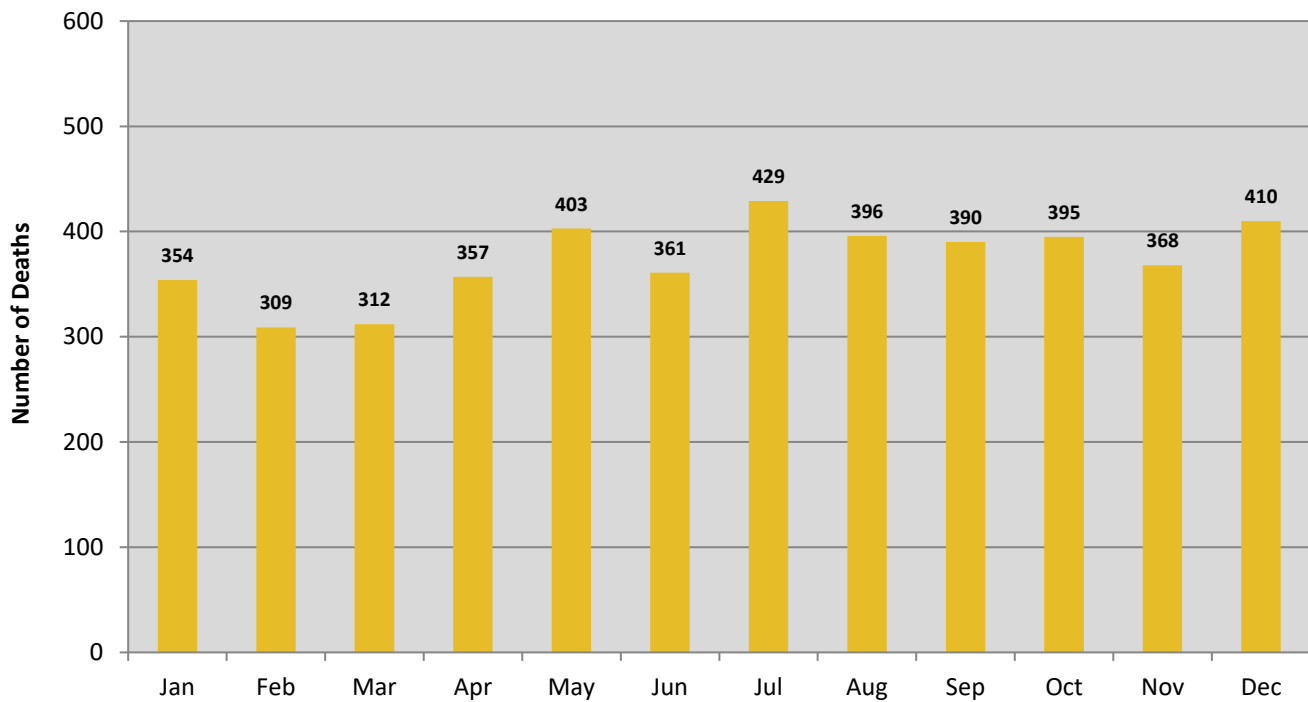
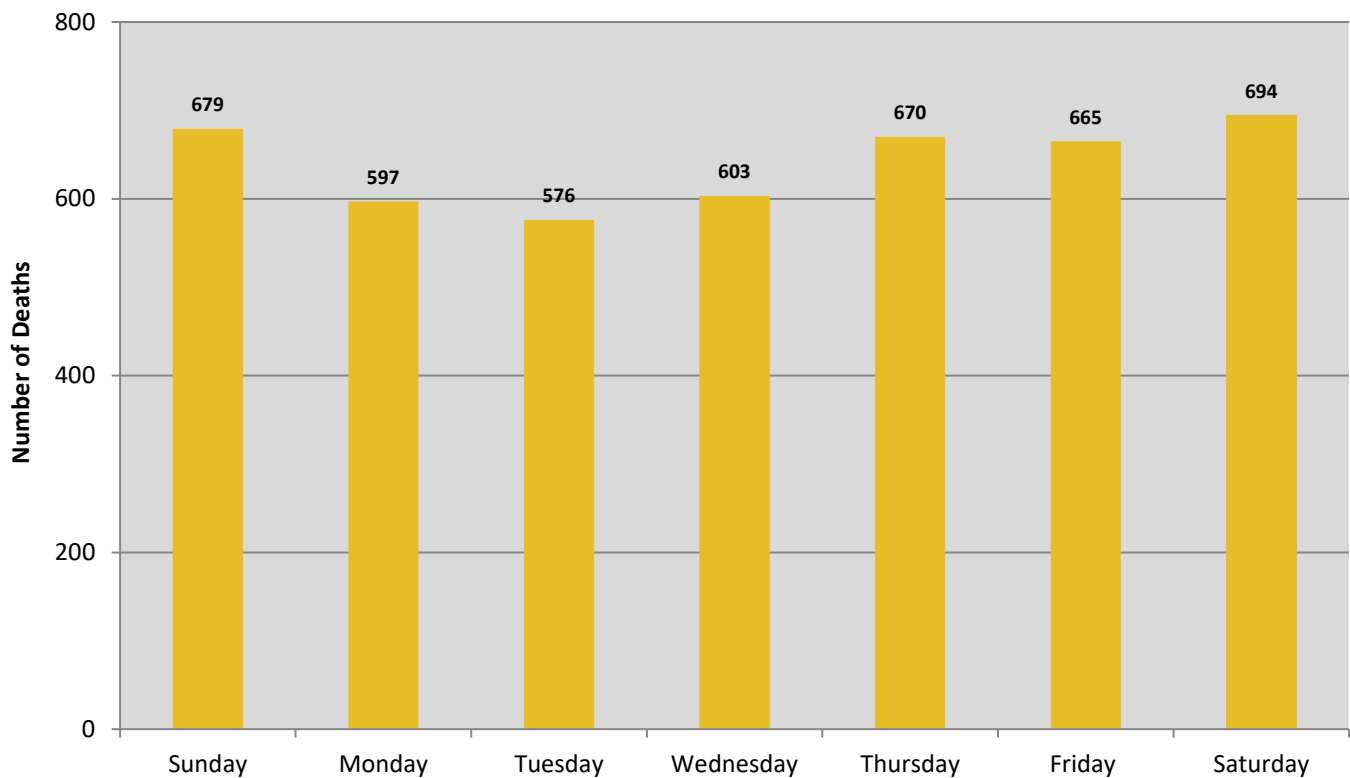
Figure 2.8 Number of Accidental Deaths by Month of Death, 2020**Figure 2.9 Number of Accidental Deaths by Day of Death, 2020**

Table 2.3 Number of Accidental Deaths by Locality of Injury and Year of Death, 2006-2020

| Locality of Injury | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | TOTAL |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------|
| Accomack County | 22 | 20 | 11 | 19 | 18 | 16 | 15 | 12 | 15 | 10 | 16 | 13 | 17 | 11 | 17 | 232 |
| Albemarle County | 17 | 20 | 33 | 25 | 28 | 34 | 28 | 32 | 44 | 40 | 35 | 51 | 41 | 56 | 63 | 547 |
| Alexandria City | 21 | 21 | 21 | 22 | 14 | 22 | 16 | 21 | 21 | 31 | 25 | 34 | 16 | 35 | 23 | 343 |
| Alleghany County | 10 | 14 | 8 | 5 | 6 | 4 | 7 | 8 | 10 | 7 | 13 | 8 | 6 | 6 | 10 | 122 |
| Amelia County | 4 | 7 | 11 | 9 | 4 | 8 | 9 | 5 | 7 | 6 | 9 | 10 | 9 | 9 | 14 | 121 |
| Amherst County | 11 | 8 | 16 | 9 | 5 | 18 | 19 | 12 | 12 | 9 | 17 | 12 | 17 | 18 | 22 | 205 |
| Appomattox County | 2 | 6 | 7 | 4 | 3 | 5 | 4 | 4 | 8 | 4 | 8 | 3 | 7 | 9 | 10 | 84 |
| Arlington County | 18 | 19 | 30 | 34 | 27 | 24 | 34 | 32 | 31 | 34 | 30 | 35 | 35 | 26 | 49 | 458 |
| Augusta County | 26 | 34 | 38 | 33 | 31 | 27 | 33 | 32 | 29 | 23 | 36 | 37 | 36 | 43 | 39 | 497 |
| Bath County | 2 | 3 | 1 | 4 | 3 | 3 | 6 | 2 | 1 | 1 | 3 | 2 | 3 | 5 | 4 | 43 |
| Bedford City | 3 | 5 | 5 | 4 | 4 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 26 |
| Bedford County | 22 | 27 | 16 | 30 | 31 | 24 | 40 | 32 | 24 | 31 | 38 | 45 | 42 | 40 | 50 | 492 |
| Bland County | 0 | 6 | 2 | 7 | 4 | 7 | 2 | 2 | 3 | 3 | 2 | 4 | 1 | 1 | 9 | 53 |
| Botetourt County | 12 | 12 | 13 | 11 | 11 | 19 | 15 | 12 | 14 | 20 | 15 | 20 | 18 | 14 | 18 | 224 |
| Bristol City | 6 | 10 | 3 | 3 | 7 | 5 | 7 | 1 | 6 | 2 | 1 | 3 | 5 | 4 | 3 | 66 |
| Brunswick County | 16 | 7 | 6 | 8 | 13 | 8 | 14 | 15 | 11 | 12 | 11 | 9 | 13 | 19 | 19 | 181 |
| Buchanan County | 21 | 18 | 19 | 11 | 23 | 18 | 20 | 13 | 15 | 15 | 9 | 18 | 17 | 13 | 4 | 234 |
| Buckingham County | 3 | 9 | 6 | 3 | 5 | 5 | 7 | 5 | 15 | 3 | 12 | 12 | 8 | 12 | 13 | 118 |
| Buena Vista City | 0 | 0 | 1 | 2 | 0 | 1 | 2 | 0 | 1 | 2 | 0 | 3 | 1 | 2 | 1 | 16 |
| Campbell County | 32 | 16 | 31 | 12 | 17 | 14 | 25 | 21 | 20 | 23 | 24 | 27 | 27 | 25 | 28 | 342 |
| Caroline County | 9 | 14 | 8 | 9 | 13 | 14 | 10 | 17 | 7 | 19 | 29 | 13 | 29 | 21 | 26 | 238 |
| Carroll County | 17 | 15 | 19 | 11 | 7 | 13 | 14 | 15 | 19 | 14 | 10 | 13 | 8 | 10 | 18 | 203 |
| Charles City County | 4 | 8 | 7 | 7 | 7 | 6 | 5 | 3 | 5 | 4 | 8 | 1 | 3 | 8 | 6 | 82 |
| Charlotte County | 4 | 6 | 6 | 5 | 6 | 9 | 5 | 6 | 4 | 7 | 9 | 4 | 7 | 9 | 8 | 95 |
| Charlottesville City | 21 | 28 | 11 | 16 | 12 | 9 | 8 | 11 | 13 | 18 | 19 | 12 | 27 | 23 | 29 | 257 |
| Chesapeake City | 55 | 60 | 48 | 53 | 43 | 58 | 57 | 67 | 59 | 86 | 101 | 81 | 79 | 80 | 96 | 1023 |
| Chesterfield County | 56 | 68 | 92 | 68 | 70 | 74 | 82 | 78 | 89 | 96 | 124 | 141 | 144 | 143 | 174 | 1499 |
| Clarke County | 5 | 6 | 5 | 8 | 10 | 4 | 8 | 5 | 8 | 6 | 17 | 9 | 15 | 13 | 9 | 128 |
| Colonial Heights City | 6 | 3 | 4 | 2 | 2 | 3 | 3 | 5 | 6 | 3 | 15 | 5 | 9 | 8 | 4 | 78 |

| Locality of Injury | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | TOTAL |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Covington City | 4 | 0 | 2 | 2 | 0 | 1 | 0 | 1 | 3 | 1 | 3 | 4 | 3 | 1 | 4 | 29 |
| Craig County | 7 | 2 | 2 | 4 | 2 | 2 | 1 | 4 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 42 |
| Culpeper County | 16 | 24 | 12 | 12 | 14 | 15 | 20 | 23 | 27 | 19 | 24 | 34 | 30 | 26 | 33 | 329 |
| Cumberland County | 1 | 2 | 4 | 3 | 2 | 3 | 4 | 9 | 2 | 6 | 3 | 6 | 4 | 4 | 7 | 60 |
| Danville City | 16 | 13 | 22 | 20 | 20 | 19 | 16 | 20 | 20 | 17 | 22 | 18 | 18 | 26 | 32 | 299 |
| Dickenson County | 11 | 16 | 13 | 5 | 11 | 13 | 10 | 8 | 10 | 11 | 14 | 6 | 8 | 10 | 8 | 154 |
| Dinwiddie County | 12 | 14 | 20 | 12 | 10 | 8 | 9 | 15 | 6 | 12 | 18 | 18 | 12 | 25 | 14 | 205 |
| Emporia City | 2 | 8 | 2 | 1 | 3 | 3 | 3 | 4 | 1 | 2 | 3 | 1 | 4 | 5 | 3 | 45 |
| Essex County | 4 | 7 | 4 | 7 | 5 | 8 | 3 | 2 | 5 | 5 | 7 | 8 | 4 | 5 | 6 | 80 |
| Fairfax City | 3 | 4 | 5 | 11 | 5 | 7 | 11 | 11 | 11 | 6 | 10 | 9 | 12 | 9 | 3 | 117 |
| Fairfax County | 221 | 156 | 144 | 148 | 152 | 195 | 184 | 197 | 210 | 243 | 253 | 226 | 246 | 250 | 256 | 3081 |
| Falls Church City | 2 | 1 | 0 | 2 | 1 | 6 | 0 | 2 | 4 | 0 | 1 | 2 | 1 | 2 | 1 | 25 |
| Fauquier County | 21 | 31 | 26 | 33 | 32 | 33 | 27 | 30 | 28 | 50 | 53 | 30 | 54 | 32 | 35 | 515 |
| Floyd County | 13 | 10 | 5 | 8 | 5 | 10 | 5 | 10 | 8 | 10 | 8 | 7 | 12 | 12 | 10 | 133 |
| Fluvanna County | 9 | 7 | 14 | 7 | 6 | 5 | 7 | 5 | 6 | 13 | 3 | 9 | 13 | 7 | 15 | 126 |
| Franklin City | 2 | 2 | 1 | 1 | 2 | 0 | 1 | 2 | 3 | 4 | 3 | 6 | 3 | 1 | 5 | 36 |
| Franklin County | 27 | 22 | 23 | 26 | 21 | 33 | 38 | 17 | 23 | 19 | 42 | 37 | 42 | 34 | 45 | 449 |
| Frederick County | 24 | 24 | 26 | 31 | 27 | 29 | 25 | 36 | 36 | 40 | 40 | 47 | 38 | 41 | 53 | 517 |
| Fredericksburg City | 22 | 14 | 15 | 6 | 11 | 12 | 21 | 14 | 8 | 22 | 24 | 29 | 23 | 15 | 31 | 267 |
| Galax City | 0 | 3 | 0 | 0 | 0 | 3 | 4 | 2 | 2 | 2 | 1 | 2 | 0 | 4 | 5 | 28 |
| Giles County | 9 | 5 | 9 | 9 | 10 | 3 | 10 | 12 | 14 | 10 | 12 | 12 | 7 | 4 | 15 | 141 |
| Gloucester County | 21 | 10 | 16 | 10 | 20 | 15 | 12 | 16 | 13 | 11 | 24 | 25 | 20 | 12 | 24 | 249 |
| Goochland County | 6 | 15 | 10 | 14 | 8 | 8 | 13 | 5 | 6 | 12 | 5 | 9 | 13 | 12 | 7 | 143 |
| Grayson County | 13 | 5 | 2 | 6 | 5 | 5 | 6 | 7 | 5 | 5 | 8 | 2 | 4 | 8 | 5 | 86 |
| Greene County | 4 | 14 | 5 | 4 | 7 | 2 | 9 | 5 | 7 | 5 | 4 | 9 | 8 | 9 | 14 | 106 |
| Greensville County | 10 | 3 | 2 | 5 | 6 | 2 | 5 | 3 | 9 | 5 | 7 | 8 | 3 | 7 | 12 | 87 |
| Halifax County | 15 | 22 | 27 | 14 | 20 | 16 | 9 | 9 | 23 | 15 | 20 | 12 | 19 | 16 | 18 | 255 |
| Hampton City | 31 | 27 | 28 | 25 | 35 | 38 | 24 | 38 | 29 | 35 | 58 | 50 | 65 | 89 | 84 | 656 |
| Hanover County | 21 | 27 | 26 | 13 | 18 | 30 | 26 | 36 | 42 | 32 | 30 | 46 | 48 | 53 | 66 | 514 |

| Locality of Injury | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | TOTAL |
|-----------------------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Harrisonburg City | 11 | 1 | 3 | 5 | 4 | 8 | 6 | 10 | 10 | 9 | 13 | 13 | 14 | 17 | 18 | 142 |
| Henrico County | 89 | 65 | 77 | 73 | 70 | 58 | 72 | 95 | 88 | 109 | 121 | 136 | 131 | 157 | 152 | 1493 |
| Henry County | 34 | 15 | 34 | 22 | 26 | 31 | 31 | 23 | 28 | 24 | 30 | 32 | 31 | 40 | 55 | 456 |
| Highland County | 1 | 2 | 2 | 2 | 2 | 1 | 0 | 1 | 2 | 2 | 1 | 0 | 5 | 2 | 0 | 23 |
| Hopewell City | 5 | 7 | 6 | 7 | 7 | 6 | 6 | 3 | 7 | 7 | 13 | 14 | 16 | 13 | 20 | 137 |
| Isle of Wight County | 16 | 16 | 14 | 12 | 13 | 7 | 11 | 11 | 15 | 11 | 15 | 16 | 13 | 16 | 18 | 204 |
| James City County | 17 | 9 | 24 | 16 | 13 | 19 | 11 | 27 | 16 | 27 | 26 | 29 | 34 | 24 | 43 | 335 |
| King and Queen County | 5 | 7 | 5 | 8 | 2 | 1 | 3 | 4 | 4 | 4 | 3 | 6 | 6 | 6 | 9 | 73 |
| King George County | 5 | 7 | 8 | 10 | 2 | 8 | 10 | 13 | 16 | 8 | 13 | 23 | 14 | 8 | 12 | 157 |
| King William County | 3 | 6 | 5 | 9 | 2 | 6 | 6 | 8 | 5 | 7 | 12 | 7 | 8 | 2 | 13 | 99 |
| Lancaster County | 9 | 9 | 6 | 2 | 2 | 8 | 2 | 6 | 2 | 5 | 11 | 7 | 12 | 7 | 6 | 94 |
| Lee County | 11 | 16 | 10 | 13 | 8 | 15 | 11 | 11 | 7 | 6 | 10 | 7 | 13 | 9 | 14 | 161 |
| Lexington City | 3 | 2 | 1 | 2 | 4 | 1 | 2 | 2 | 1 | 2 | 1 | 7 | 1 | 5 | 6 | 40 |
| Loudoun County | 23 | 36 | 27 | 29 | 32 | 36 | 52 | 55 | 64 | 50 | 69 | 90 | 63 | 61 | 74 | 761 |
| Louisa County | 16 | 24 | 17 | 21 | 14 | 11 | 13 | 17 | 7 | 11 | 28 | 13 | 23 | 24 | 21 | 260 |
| Lunenburg County | 6 | 11 | 9 | 5 | 2 | 1 | 6 | 7 | 5 | 5 | 4 | 8 | 5 | 10 | 9 | 93 |
| Lynchburg City | 13 | 24 | 24 | 16 | 25 | 21 | 34 | 25 | 26 | 28 | 26 | 28 | 41 | 59 | 57 | 447 |
| Madison County | 3 | 9 | 6 | 3 | 5 | 4 | 6 | 5 | 5 | 7 | 3 | 12 | 9 | 8 | 11 | 96 |
| Manassas | 8 | 8 | 5 | 11 | 4 | 6 | 15 | 3 | 9 | 12 | 7 | 22 | 11 | 14 | 19 | 154 |
| Manassas Park | Unknown | 1 | 1 | 2 | 3 | 4 | 1 | 1 | 5 | 1 | 1 | 6 | 3 | 2 | 5 | 36 |
| Martinsville City | 8 | 3 | 8 | 6 | 7 | 7 | 6 | 10 | 8 | 8 | 4 | 9 | 16 | 12 | 20 | 132 |
| Mathews County | 8 | 4 | 1 | 4 | 2 | 2 | 3 | 6 | 3 | 6 | 4 | 3 | 1 | 5 | 8 | 60 |
| Mecklenburg County | 18 | 17 | 11 | 16 | 10 | 13 | 13 | 15 | 16 | 15 | 18 | 26 | 25 | 20 | 19 | 252 |
| Middlesex County | 3 | 7 | 6 | 6 | 6 | 1 | 4 | 4 | 6 | 7 | 8 | 8 | 7 | 10 | 12 | 95 |
| Montgomery County | 15 | 24 | 27 | 24 | 30 | 28 | 23 | 26 | 23 | 21 | 28 | 37 | 32 | 34 | 42 | 414 |
| Nelson County | 6 | 11 | 6 | 11 | 6 | 9 | 9 | 9 | 11 | 9 | 8 | 12 | 14 | 10 | 13 | 144 |
| New Kent County | 15 | 7 | 7 | 8 | 12 | 11 | 9 | 6 | 11 | 15 | 9 | 6 | 9 | 14 | 11 | 150 |
| Newport News City | 52 | 35 | 36 | 53 | 40 | 45 | 33 | 43 | 54 | 64 | 75 | 68 | 91 | 89 | 127 | 905 |
| Norfolk City | 59 | 79 | 59 | 67 | 49 | 73 | 71 | 89 | 68 | 86 | 126 | 119 | 115 | 125 | 163 | 1348 |

| Locality of Injury | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | TOTAL |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Northampton County | 6 | 7 | 10 | 9 | 5 | 3 | 2 | 5 | 12 | 4 | 15 | 8 | 9 | 6 | 9 | 110 |
| Northumberland County | 2 | 3 | 8 | 4 | 6 | 9 | 8 | 7 | 7 | 6 | 3 | 5 | 8 | 8 | 11 | 95 |
| Norton City | 3 | 0 | 1 | 1 | 2 | 0 | 1 | 2 | 0 | 1 | 1 | 0 | 1 | 1 | 2 | 16 |
| Nottoway County | 6 | 7 | 3 | 14 | 6 | 7 | 5 | 7 | 8 | 9 | 9 | 6 | 4 | 20 | 12 | 123 |
| Orange County | 6 | 14 | 13 | 10 | 14 | 16 | 9 | 19 | 25 | 16 | 27 | 27 | 20 | 29 | 25 | 270 |
| Page County | 4 | 10 | 4 | 7 | 8 | 14 | 12 | 10 | 7 | 6 | 13 | 8 | 18 | 16 | 13 | 150 |
| Patrick County | 5 | 7 | 11 | 8 | 8 | 5 | 9 | 12 | 9 | 10 | 6 | 8 | 14 | 8 | 16 | 136 |
| Petersburg City | 16 | 22 | 14 | 14 | 13 | 3 | 11 | 10 | 12 | 8 | 25 | 25 | 21 | 24 | 47 | 265 |
| Pittsylvania County | 28 | 30 | 37 | 29 | 25 | 27 | 34 | 22 | 30 | 33 | 21 | 35 | 45 | 39 | 49 | 484 |
| Poquoson City | 5 | 1 | 1 | 3 | 1 | 2 | 0 | 2 | 1 | 4 | 3 | 5 | 1 | 4 | 7 | 40 |
| Portsmouth City | 29 | 20 | 18 | 29 | 23 | 28 | 19 | 33 | 30 | 45 | 52 | 59 | 70 | 57 | 72 | 584 |
| Powhatan County | 14 | 6 | 7 | 5 | 3 | 7 | 12 | 12 | 9 | 7 | 3 | 15 | 8 | 11 | 13 | 132 |
| Prince Edward County | 9 | 14 | 5 | 14 | 11 | 4 | 9 | 10 | 5 | 13 | 14 | 11 | 7 | 15 | 14 | 155 |
| Prince George County | 9 | 12 | 12 | 10 | 12 | 11 | 11 | 13 | 13 | 16 | 7 | 22 | 12 | 19 | 13 | 192 |
| Prince William County | 69 | 56 | 65 | 63 | 72 | 78 | 92 | 79 | 88 | 65 | 108 | 117 | 103 | 99 | 144 | 1298 |
| Pulaski County | 16 | 23 | 19 | 15 | 19 | 19 | 14 | 18 | 25 | 18 | 21 | 21 | 23 | 30 | 29 | 310 |
| Radford City | 2 | 5 | 9 | 3 | 8 | 3 | 8 | 2 | 6 | 4 | 4 | 7 | 1 | 8 | 7 | 77 |
| Rappahannock County | 0 | 4 | 2 | 3 | 6 | 4 | 5 | 4 | 2 | 1 | 1 | 6 | 0 | 7 | 12 | 57 |
| Richmond City | 127 | 134 | 85 | 69 | 67 | 88 | 77 | 79 | 89 | 105 | 146 | 167 | 144 | 172 | 273 | 1822 |
| Richmond County | 2 | 2 | 6 | 2 | 4 | 4 | 5 | 3 | 5 | 2 | 6 | 8 | 2 | 10 | 3 | 64 |
| Roanoke City | 37 | 30 | 32 | 41 | 36 | 39 | 40 | 57 | 49 | 54 | 48 | 88 | 85 | 75 | 153 | 864 |
| Roanoke County | 27 | 22 | 23 | 19 | 17 | 26 | 27 | 28 | 36 | 41 | 44 | 54 | 56 | 49 | 70 | 539 |
| Rockbridge County | 12 | 14 | 10 | 13 | 7 | 10 | 14 | 7 | 13 | 16 | 13 | 12 | 16 | 20 | 10 | 187 |
| Rockingham County | 30 | 21 | 19 | 16 | 18 | 16 | 25 | 22 | 37 | 37 | 25 | 27 | 34 | 40 | 43 | 410 |
| Russell County | 19 | 19 | 15 | 11 | 16 | 20 | 14 | 12 | 9 | 14 | 16 | 11 | 4 | 12 | 19 | 211 |
| Salem City | 13 | 7 | 8 | 8 | 8 | 4 | 12 | 12 | 12 | 8 | 10 | 13 | 15 | 22 | 21 | 173 |
| Scott County | 6 | 8 | 11 | 9 | 5 | 8 | 9 | 10 | 7 | 6 | 9 | 9 | 5 | 9 | 12 | 123 |
| Shenandoah County | 14 | 5 | 24 | 13 | 12 | 15 | 17 | 15 | 23 | 32 | 20 | 19 | 16 | 26 | 23 | 274 |
| Smyth County | 13 | 10 | 11 | 7 | 12 | 10 | 9 | 12 | 10 | 14 | 11 | 10 | 11 | 9 | 18 | 167 |

| Locality of Injury | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | TOTAL |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Southampton County | 10 | 15 | 10 | 10 | 11 | 6 | 8 | 17 | 9 | 11 | 7 | 10 | 14 | 13 | 6 | 157 |
| Spotsylvania County | 29 | 39 | 31 | 29 | 43 | 36 | 34 | 39 | 38 | 53 | 67 | 51 | 71 | 87 | 83 | 730 |
| Stafford County | 18 | 44 | 25 | 24 | 21 | 23 | 33 | 33 | 26 | 48 | 45 | 35 | 46 | 53 | 61 | 535 |
| Staunton City | 7 | 6 | 8 | 7 | 5 | 8 | 3 | 4 | 10 | 7 | 5 | 13 | 7 | 12 | 15 | 117 |
| Suffolk City | 16 | 37 | 26 | 17 | 30 | 25 | 25 | 30 | 27 | 34 | 25 | 38 | 30 | 31 | 48 | 439 |
| Surry County | 2 | 7 | 4 | 1 | 6 | 2 | 1 | 4 | 2 | 3 | 3 | 3 | 0 | 5 | 6 | 49 |
| Sussex County | 13 | 15 | 17 | 11 | 12 | 5 | 2 | 3 | 8 | 6 | 16 | 23 | 9 | 17 | 15 | 172 |
| Tazewell County | 36 | 11 | 16 | 19 | 25 | 30 | 23 | 14 | 20 | 17 | 14 | 20 | 20 | 31 | 35 | 331 |
| Virginia Beach City | 101 | 106 | 102 | 110 | 77 | 112 | 111 | 119 | 116 | 126 | 130 | 184 | 149 | 149 | 202 | 1894 |
| Warren County | 6 | 12 | 17 | 9 | 25 | 23 | 15 | 20 | 20 | 20 | 21 | 35 | 20 | 27 | 33 | 303 |
| Washington County | 18 | 20 | 22 | 14 | 21 | 28 | 16 | 10 | 21 | 23 | 14 | 17 | 19 | 16 | 19 | 278 |
| Waynesboro City | 7 | 2 | 7 | 6 | 7 | 3 | 13 | 8 | 5 | 10 | 7 | 10 | 6 | 13 | 9 | 113 |
| Westmoreland County | 13 | 9 | 11 | 6 | 11 | 10 | 7 | 7 | 5 | 13 | 15 | 12 | 9 | 13 | 19 | 160 |
| Williamsburg City | 6 | 5 | 3 | 6 | 2 | 9 | 5 | 6 | 6 | 1 | 7 | 9 | 4 | 6 | 13 | 88 |
| Winchester City | 15 | 2 | 4 | 10 | 7 | 7 | 16 | 17 | 19 | 19 | 14 | 18 | 17 | 19 | 23 | 207 |
| Wise County | 31 | 28 | 15 | 22 | 22 | 23 | 19 | 23 | 14 | 17 | 19 | 25 | 22 | 18 | 14 | 312 |
| Wythe County | 11 | 14 | 24 | 12 | 13 | 9 | 17 | 14 | 21 | 25 | 18 | 19 | 8 | 13 | 24 | 242 |
| York County | 14 | 17 | 14 | 7 | 15 | 17 | 8 | 16 | 18 | 16 | 18 | 21 | 29 | 22 | 27 | 259 |
| Subtotal (in-state) | 2316 | 2322 | 2227 | 2105 | 2081 | 2275 | 2333 | 2456 | 2547 | 2753 | 3152 | 3409 | 3353 | 3577 | 4350 | 41256 |
| Out of State | 29 | 51 | 46 | 52 | 54 | 54 | 59 | 62 | 62 | 81 | 65 | 77 | 73 | 98 | 74 | 937 |
| Unknown | 8 | 24 | 26 | 18 | 14 | 14 | 20 | 18 | 26 | 39 | 23 | 35 | 108 | 45 | 60 | 478 |
| Subtotal (out-of-state) | 37 | 75 | 72 | 70 | 68 | 68 | 79 | 80 | 88 | 120 | 88 | 112 | 181 | 143 | 134 | 1415 |
| TOTAL | 2353 | 2397 | 2299 | 2175 | 2149 | 2343 | 2412 | 2536 | 2635 | 2873 | 3240 | 3521 | 3534 | 3720 | 4484 | 42671 |

* Bedford City was incorporated into Bedford County in 2014 and therefore numbers are combined from there forward

HOMICIDE DEATHS (N=549)

The number of homicides in 2020 increased 19.1% compared to 2019. As previous years have shown, homicides most frequently occurred among males (80.0%) and among Blacks (65.8%). Males aged 20-24 years demonstrate the highest homicide rate with 28.1 deaths per 100,000 persons.

- Over eighty-three percent of all homicides were committed using a firearm, with handguns (the most common type) used in 75.3% of all firearm-related homicides
- Nearly 63% of all homicides in the Commonwealth were committed using a handgun
- Of the 95.3% of homicide victims tested for ethanol, 27.2% had ethanol present. Furthermore, 18.5% of those tested had a blood alcohol concentration of 0.08% or greater
- Richmond City had both the largest number of homicides by locality of residence and locality of injury (n=57 and n=77, respectively). Petersburg had both the highest homicide rate by locality of residence and by location of injury (52.6 and 72.3 per 100,000, respectively)

Figure 2.10 Number and Rate of Homicide Deaths by Year of Death, 1999-2020

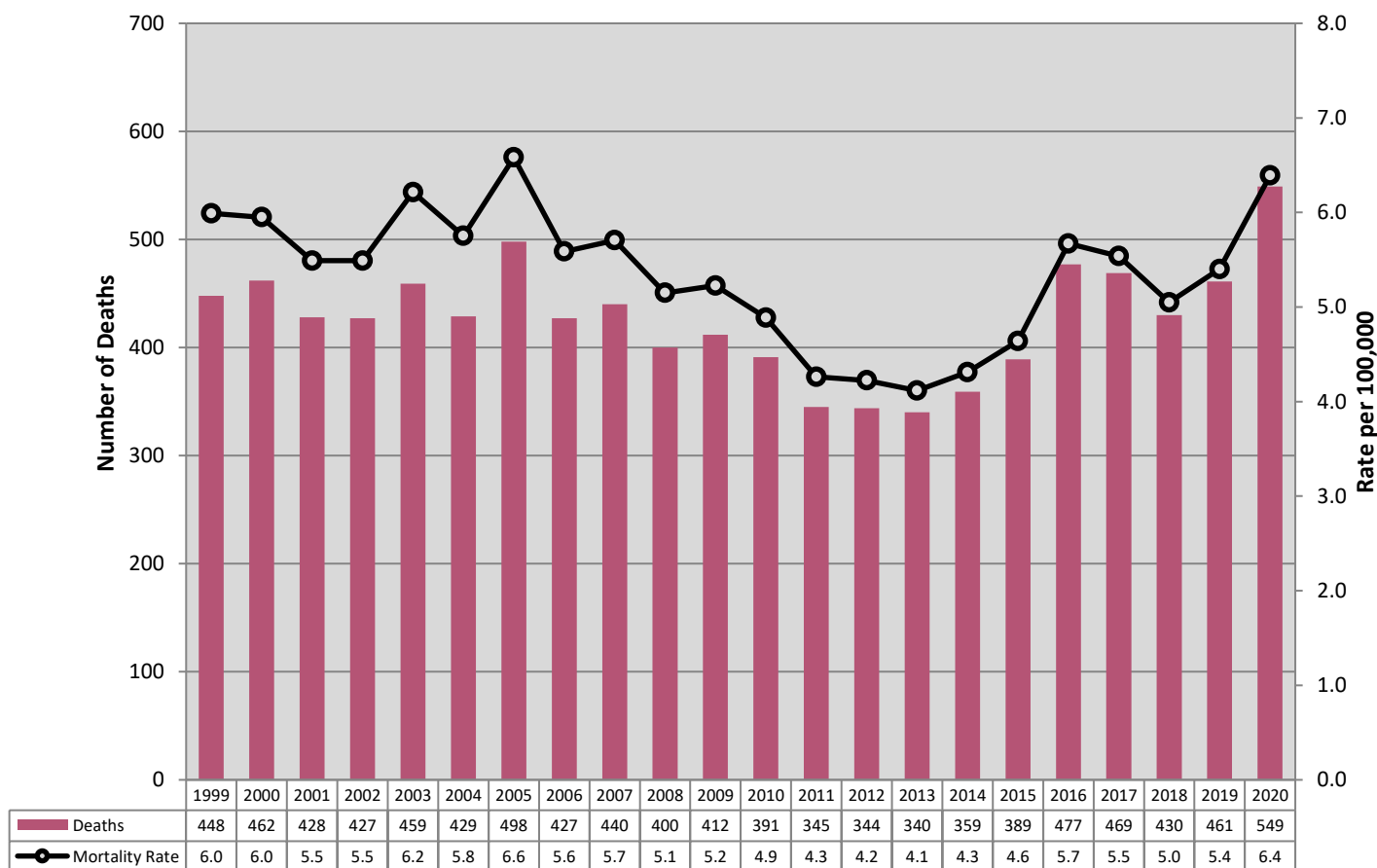


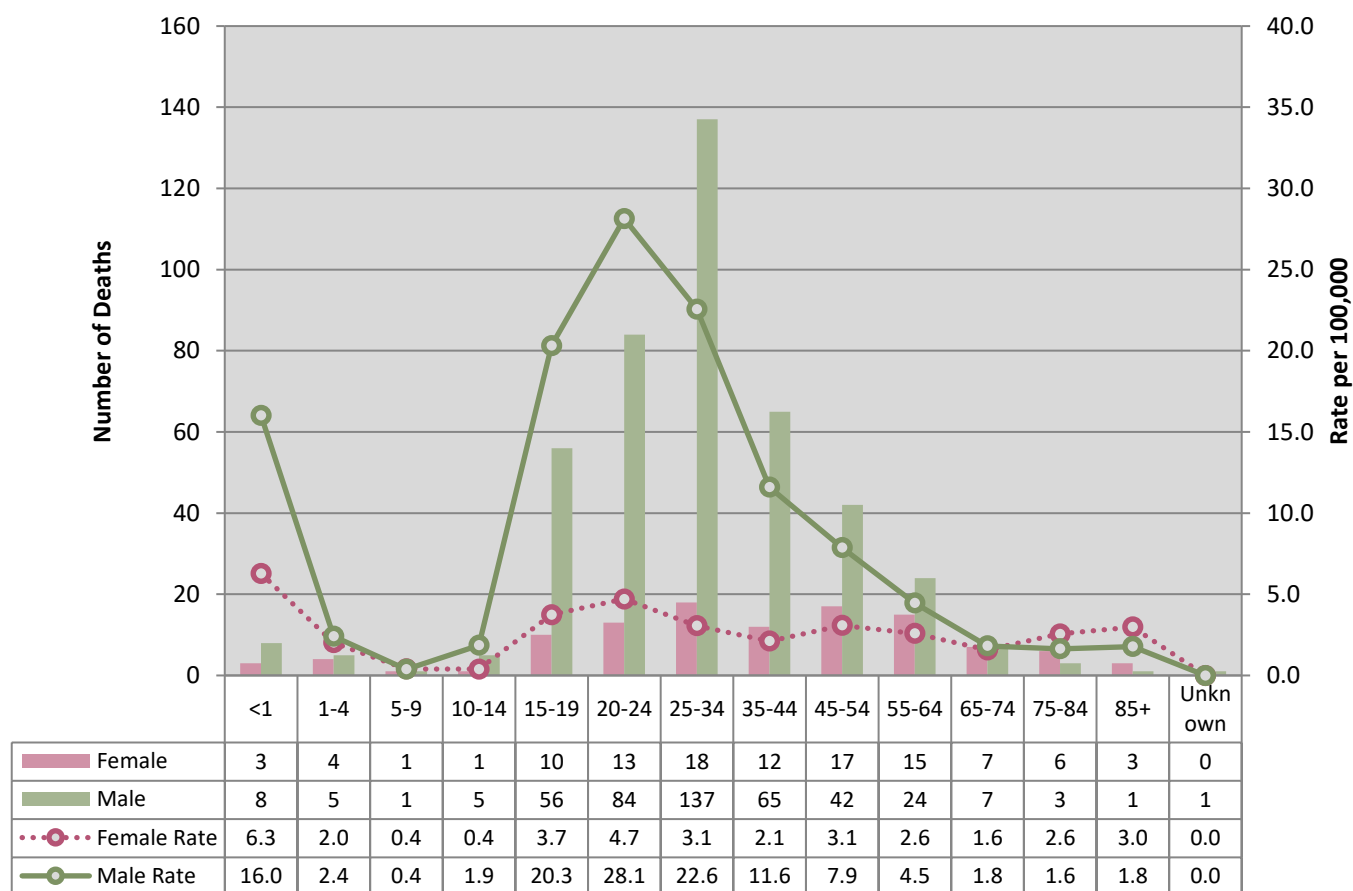
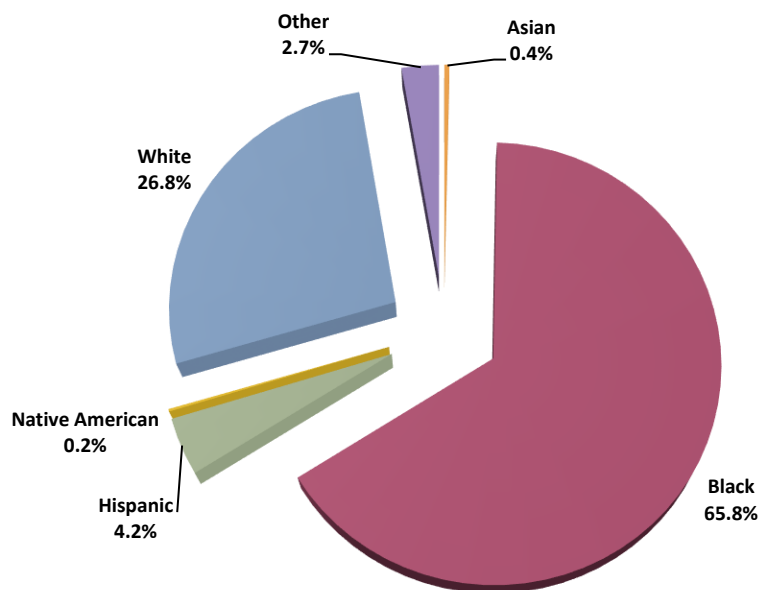
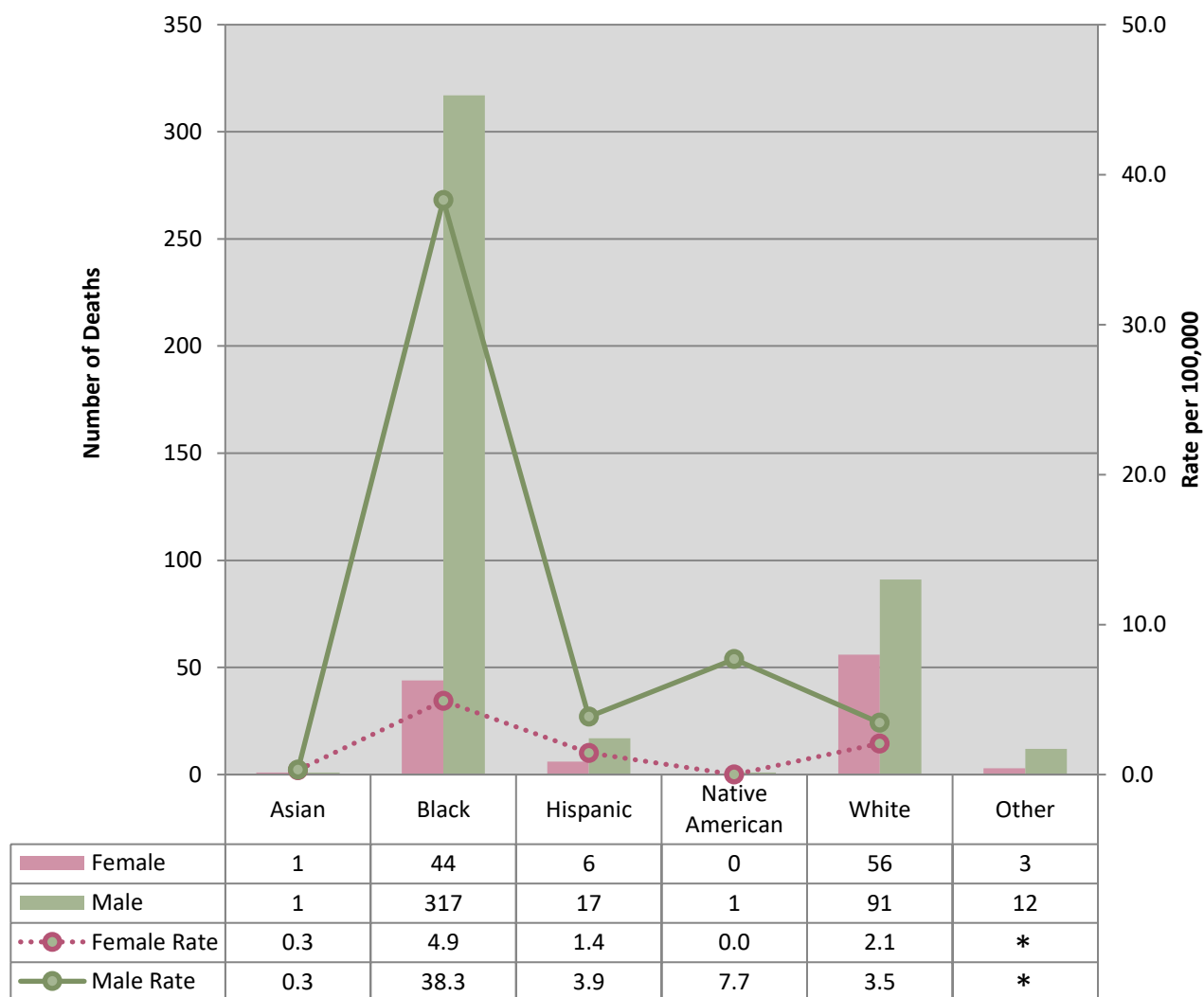
Figure 2.11 Number and Rate of Homicide Deaths by Age Group and Gender, 2020**Figure 2.12 Percentage of Homicide Deaths by Race/Ethnicity, 2020**

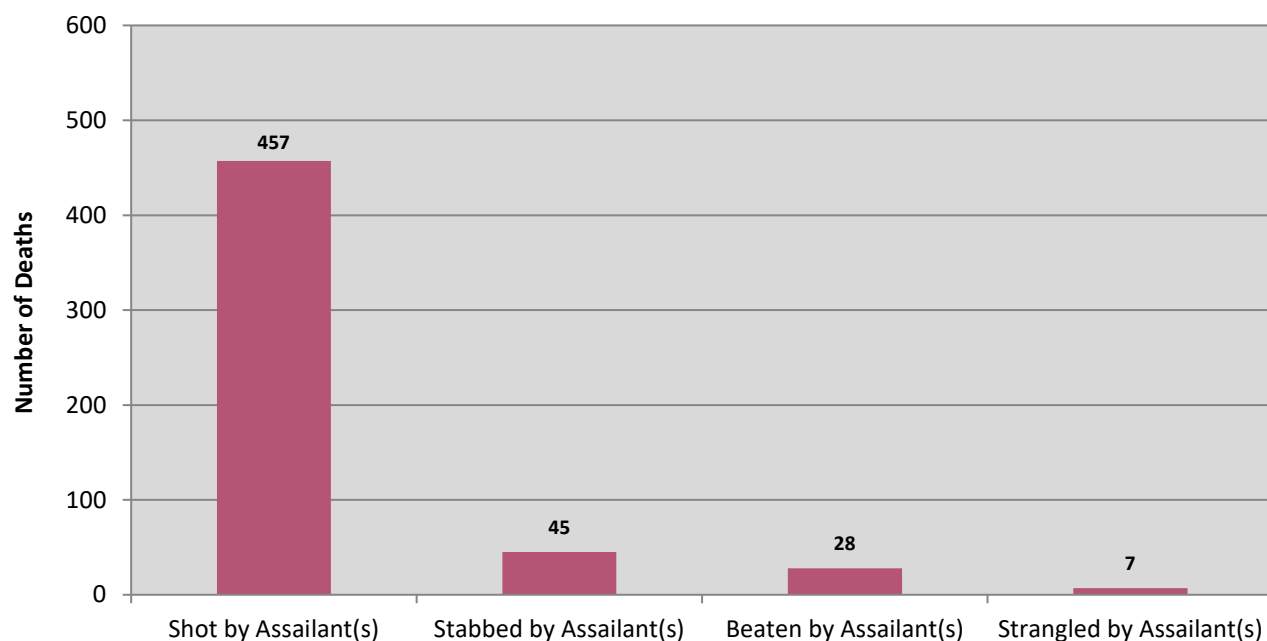
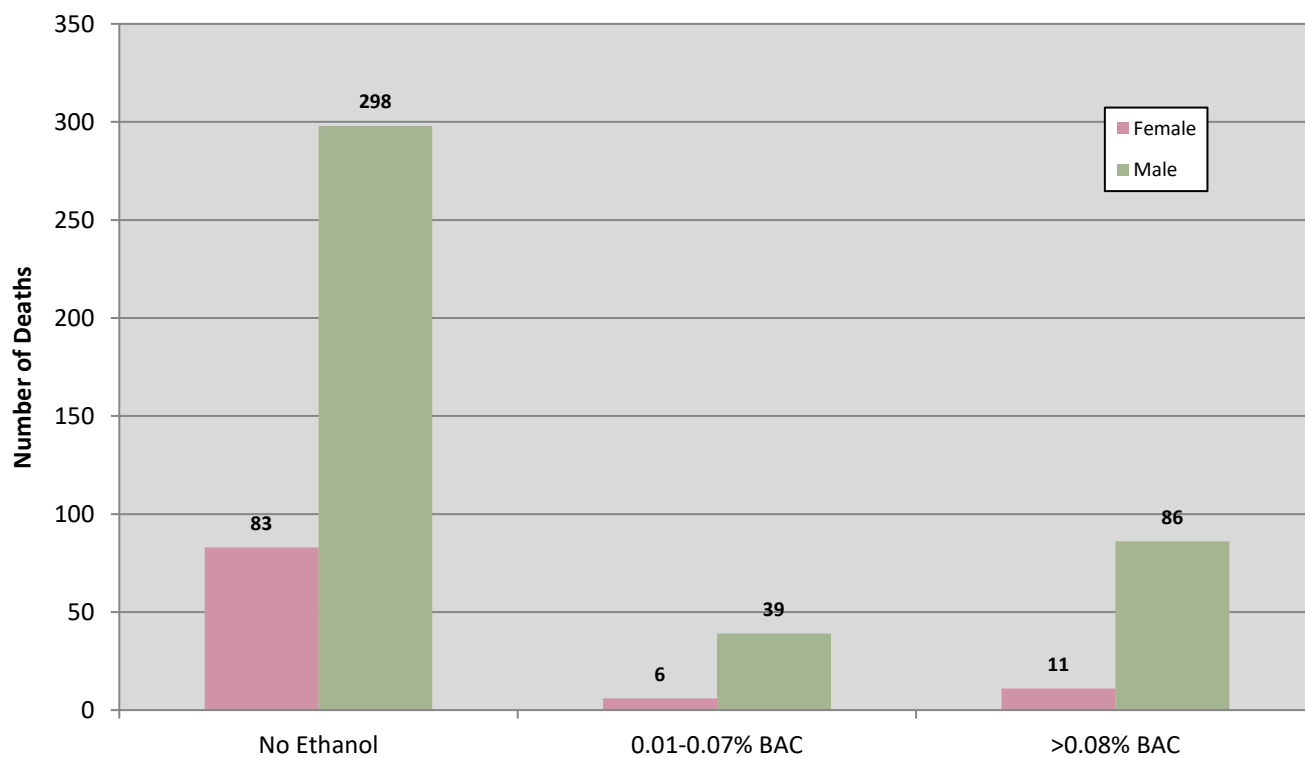
Figure 2.13 Number and Rate of Homicide Deaths by Race/Ethnicity and Gender, 2020

*No rate can be calculated

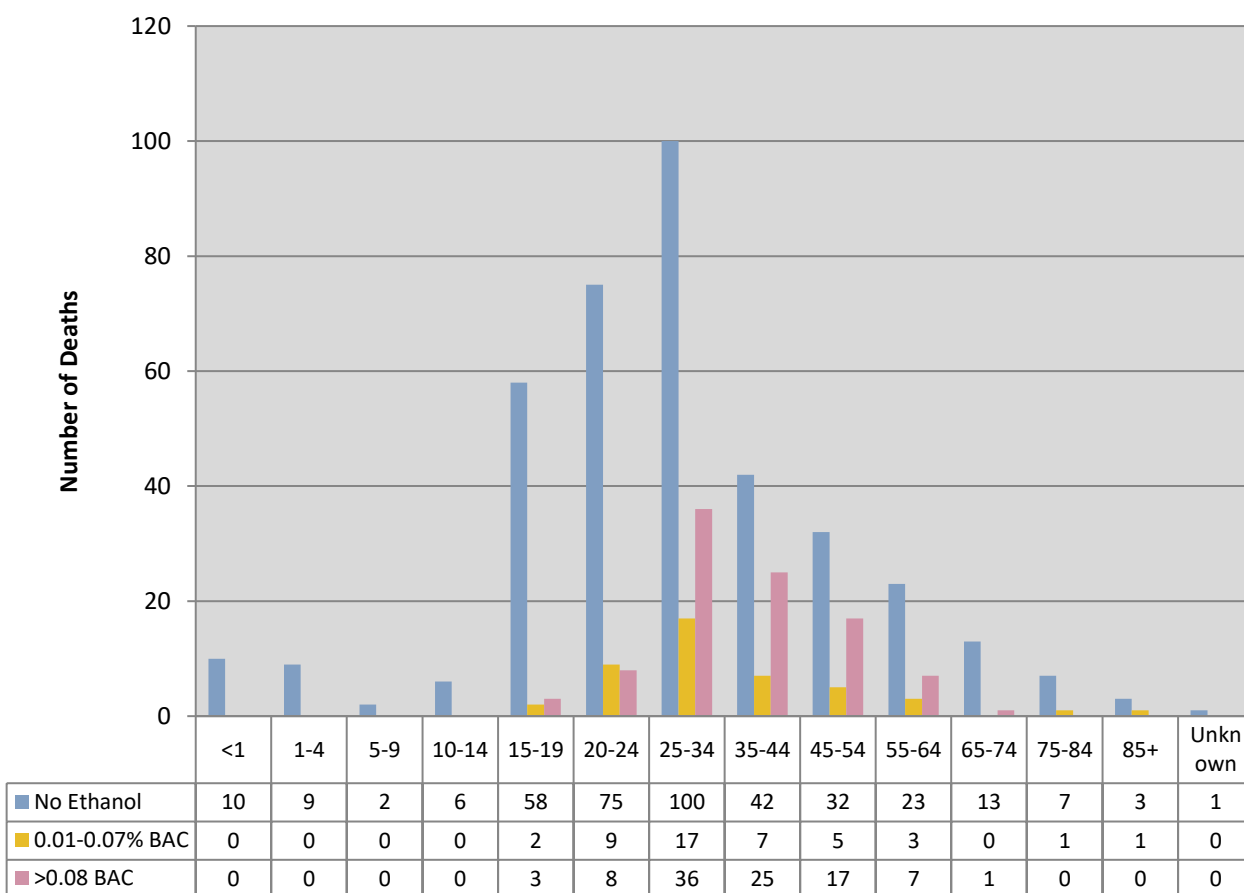
Note: Rates calculated from small case counts (n<5) are considered unreliable and should be interpreted with caution (Asians and Native American males)

Table 2.4 Number of Homicide Deaths by Cause and Method of Death, 2020

| Method of Death | Autopsied | Total Cases |
|--|------------------|--------------------|
| Asphyxia | | |
| Strangled by assailant(s) | 7 | 7 |
| Suffocated/Smothered | 2 | 2 |
| Drug Poisoning | | |
| Ingested and/or injected ethanol, illicit, prescription, and/or other type of drug | 1 | 1 |
| Fire | | |
| Thermal and/or inhalational Injuries | 2 | 2 |
| Motor Vehicle Collision | | |
| Struck by a vehicle | 4 | 4 |
| Traumatic Injury | | |
| Beaten by assailant(s) | 27 | 28 |
| Shot by assailant(s) | | |
| Handgun | 343 | 344 |
| Multiple | 6 | 6 |
| Rifle | 22 | 22 |
| Shotgun | 3 | 3 |
| Unspecified/Unknown | 80 | 82 |
| Stabbed by assailant(s) | 45 | 45 |
| Other traumatic injury | 1 | 1 |
| Other/Undetermined | | |
| Other/Undetermined | 1 | 2 |
| TOTAL HOMICIDE DEATHS | 544 | 549 |

Figure 2.14 Number of the Leading Homicide Deaths by Method, 2020**Figure 2.15 Number of Homicide Deaths by Ethanol Level and Gender (N=523), 2020**

Note: Of the 549 homicide deaths, 4.7% (n=26) did not receive toxicology testing

Figure 2.16 Number of Homicide Deaths by Age Group and Ethanol Level (N=523), 2020

Note: Of the 549 homicide deaths, 4.7% (n=26) did not receive toxicology testing

Table 2.5 Number of Homicide Deaths by Method of Death and Ethanol Level (N=523), 2020

| Method of Death | No Ethanol | 0.01-0.07% BAC | >0.08% BAC |
|--|------------|----------------|------------|
| Asphyxia | | | |
| Strangled by assailant(s) | 5 | 0 | 2 |
| Suffocated/Smothered | 2 | 0 | 0 |
| Drug Poisoning | | | |
| Ingested and/or injected ethanol, illicit, prescription, and/or other type of drug | 1 | 0 | 0 |
| Fire | | | |
| Thermal and/or inhalational Injuries | 1 | 1 | 0 |
| Motor Vehicle Collision | | | |
| Struck by a vehicle | 3 | 0 | 1 |
| Traumatic Injury | | | |
| Beaten by assailant(s) | 20 | 0 | 5 |
| Shot by assailant(s) | | | |
| Handgun | 243 | 29 | 61 |
| Multiple | 3 | 2 | 1 |
| Rifle | 13 | 3 | 4 |
| Shotgun | 1 | 0 | 2 |
| Unspecified/Unknown | 59 | 6 | 11 |
| Stabbed by assailant(s) | 29 | 4 | 10 |
| Other traumatic injury | 1 | 0 | 0 |
| Other/Undetermined | | | |
| Other/Undetermined | 0 | 0 | 0 |
| TOTAL HOMICIDE DEATHS | 381 | 45 | 97 |

Note: Of the 549 homicide deaths, 4.7% (n=26) did not receive toxicology testing

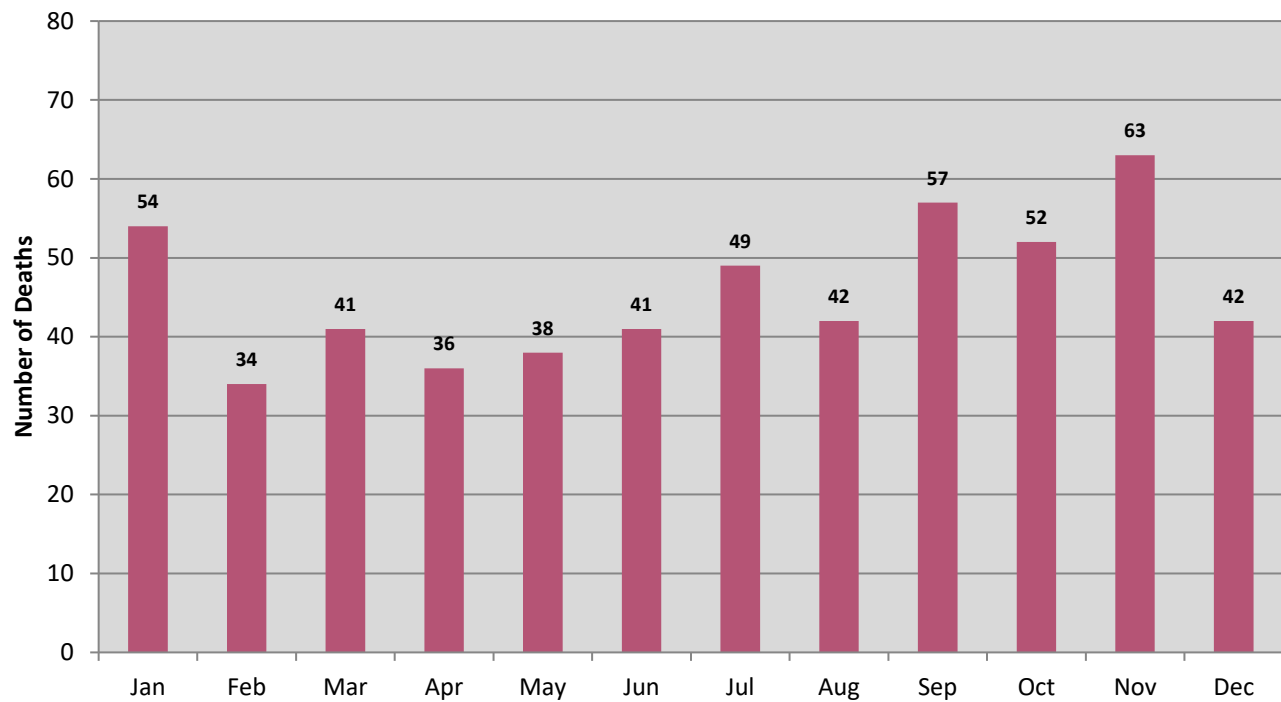
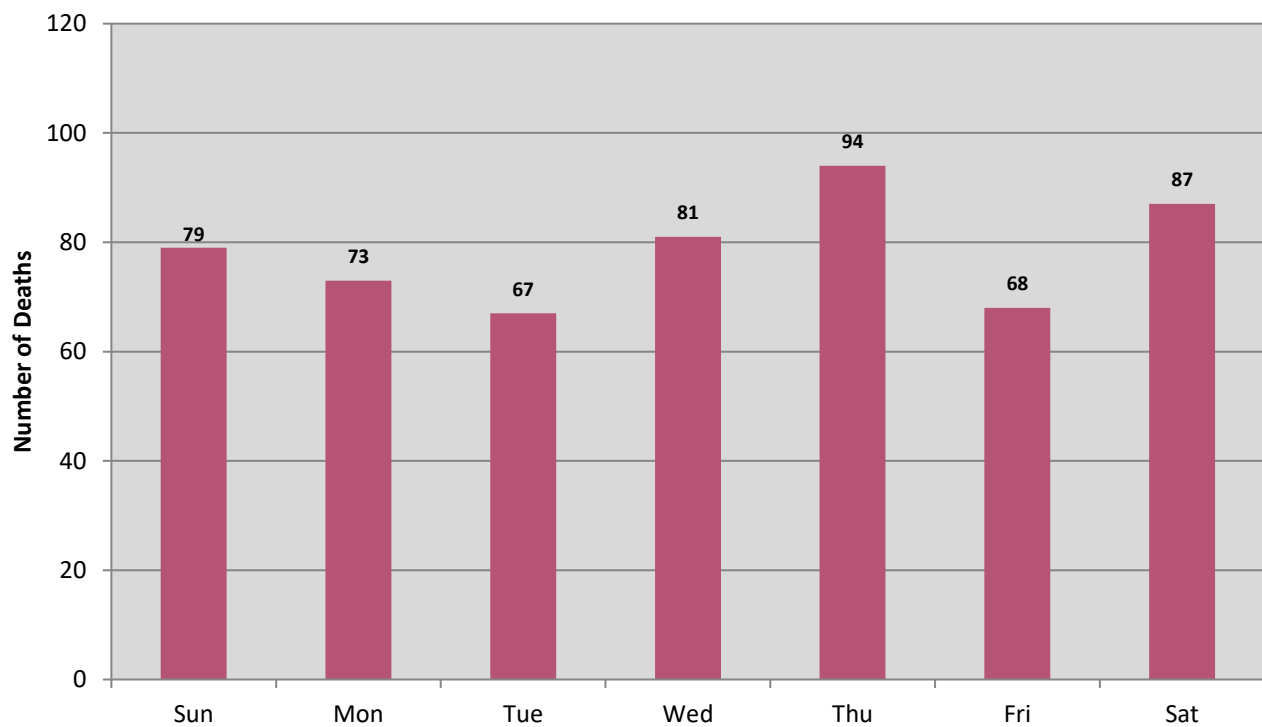
Figure 2.17 Number of Homicide Deaths by Month of Death, 2020**Figure 2.18 Number of Homicide Deaths by Day of Death, 2020**

Table 2.6 Number and Rate of Homicide Deaths by Locality of Residence, 2020

| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Accomack County | 6 | 18.6 |
| Albemarle County | 4 | 3.6 |
| Alexandria City | 3 | 1.9 |
| Alleghany County | 1 | 6.8 |
| Amelia County | 3 | 23.1 |
| Amherst County | 0 | 0.0 |
| Appomattox County | 0 | 0.0 |
| Arlington County | 1 | 0.4 |
| Augusta County | 0 | 0.0 |
| Bath County | 0 | 0.0 |
| Bedford County | 5 | 6.3 |
| Bland County | 0 | 0.0 |
| Botetourt County | 0 | 0.0 |
| Bristol City | 2 | 11.5 |
| Brunswick County | 1 | 6.2 |
| Buchanan County | 1 | 4.9 |
| Buckingham County | 1 | 5.8 |
| Buena Vista City | 0 | 0.0 |
| Campbell County | 1 | 1.8 |
| Caroline County | 1 | 3.2 |
| Carroll County | 0 | 0.0 |
| Charles City County | 1 | 14.7 |
| Charlotte County | 0 | 0.0 |
| Charlottesville City | 5 | 10.6 |
| Chesapeake City | 20 | 8.1 |
| Chesterfield County | 20 | 5.6 |
| Clarke County | 0 | 0.0 |
| Colonial Heights City | 3 | 17.4 |
| Covington City | 0 | 0.0 |
| Craig County | 0 | 0.0 |
| Culpeper County | 2 | 3.7 |
| Cumberland County | 0 | 0.0 |
| Danville City | 5 | 12.5 |
| Dickenson County | 1 | 7.1 |
| Dinwiddie County | 3 | 10.5 |
| Emporia City | 1 | 19.0 |
| Essex County | 0 | 0.0 |
| Fairfax City | 0 | 0.0 |
| Fairfax County | 19 | 1.7 |
| Falls Church City | 0 | 0.0 |
| Fauquier County | 6 | 8.4 |
| Floyd County | 1 | 6.3 |
| Fluvanna County | 0 | 0.0 |

| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Franklin City | 1 | 12.8 |
| Franklin County | 5 | 8.9 |
| Frederick County | 0 | 0.0 |
| Fredericksburg City | 0 | 0.0 |
| Galax City | 0 | 0.0 |
| Giles County | 4 | 24.0 |
| Gloucester County | 3 | 8.0 |
| Goochland County | 0 | 0.0 |
| Grayson County | 0 | 0.0 |
| Greene County | 0 | 0.0 |
| Greensville County | 0 | 0.0 |
| Halifax County | 3 | 8.9 |
| Hampton City | 16 | 11.8 |
| Hanover County | 3 | 2.8 |
| Harrisonburg City | 1 | 1.9 |
| Henrico County | 23 | 6.9 |
| Henry County | 7 | 13.9 |
| Highland County | 0 | 0.0 |
| Hopewell City | 6 | 26.8 |
| Isle of Wight County | 0 | 0.0 |
| James City County | 3 | 3.9 |
| King and Queen County | 0 | 0.0 |
| King George County | 2 | 7.3 |
| King William County | 0 | 0.0 |
| Lancaster County | 2 | 18.8 |
| Lee County | 0 | 0.0 |
| Lexington City | 0 | 0.0 |
| Loudoun County | 2 | 0.5 |
| Louisa County | 2 | 5.2 |
| Lunenburg County | 1 | 8.2 |
| Lynchburg City | 6 | 7.4 |
| Madison County | 1 | 7.5 |
| Manassas | 0 | 0.0 |
| Manassas Park | 0 | 0.0 |
| Martinsville City | 3 | 24.3 |
| Mathews County | 0 | 0.0 |
| Mecklenburg County | 3 | 9.8 |
| Middlesex County | 0 | 0.0 |
| Montgomery County | 3 | 3.0 |
| Nelson County | 1 | 6.8 |
| New Kent County | 0 | 0.0 |
| Newport News City | 34 | 19.0 |
| Norfolk City | 45 | 18.5 |

| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Northampton County | 1 | 8.6 |
| Northumberland County | 0 | 0.0 |
| Norton City | 1 | 25.1 |
| Nottoway County | 1 | 6.6 |
| Orange County | 1 | 2.7 |
| Page County | 0 | 0.0 |
| Patrick County | 0 | 0.0 |
| Petersburg City | 16 | 52.6 |
| Pittsylvania County | 2 | 3.3 |
| Poquoson City | 0 | 0.0 |
| Portsmouth City | 26 | 27.3 |
| Powhatan County | 0 | 0.0 |
| Prince Edward County | 2 | 8.7 |
| Prince George County | 4 | 10.3 |
| Prince William County | 7 | 1.5 |
| Pulaski County | 0 | 0.0 |
| Radford City | 0 | 0.0 |
| Rappahannock County | 0 | 0.0 |
| Richmond City | 57 | 24.5 |
| Richmond County | 1 | 11.0 |
| Roanoke City | 17 | 17.2 |
| Roanoke County | 1 | 1.1 |
| Rockbridge County | 1 | 4.4 |
| Rockingham County | 3 | 3.6 |
| Russell County | 1 | 3.8 |
| Salem City | 1 | 3.9 |
| Scott County | 1 | 4.6 |

| Locality of Residence | Deaths | Rate |
|--------------------------------|------------|------------|
| Shenandoah County | 1 | 2.3 |
| Smyth County | 4 | 13.3 |
| Southampton County | 2 | 11.3 |
| Spotsylvania County | 6 | 4.3 |
| Stafford County | 4 | 2.6 |
| Staunton City | 1 | 4.0 |
| Suffolk City | 4 | 4.3 |
| Surry County | 0 | 0.0 |
| Sussex County | 1 | 9.2 |
| Tazewell County | 3 | 7.4 |
| Virginia Beach City | 21 | 4.7 |
| Warren County | 2 | 4.9 |
| Washington County | 2 | 3.7 |
| Waynesboro City | 3 | 13.2 |
| Westmoreland County | 2 | 11.0 |
| Williamsburg City | 0 | 0.0 |
| Winchester City | 3 | 10.8 |
| Wise County | 2 | 5.4 |
| Wythe County | 2 | 7.0 |
| York County | 6 | 8.7 |
| <i>Subtotal (in-state)</i> | 510 | 5.9 |
| Out of State | 36 | ND |
| Unknown | 3 | ND |
| <i>Subtotal (out-of-state)</i> | 39 | ND |
| TOTAL | 549 | 6.4 |

Note: No denominator is represented by ND.

Table 2.7 Top 10 Localities with the Largest Number of Residential Homicides, 2020

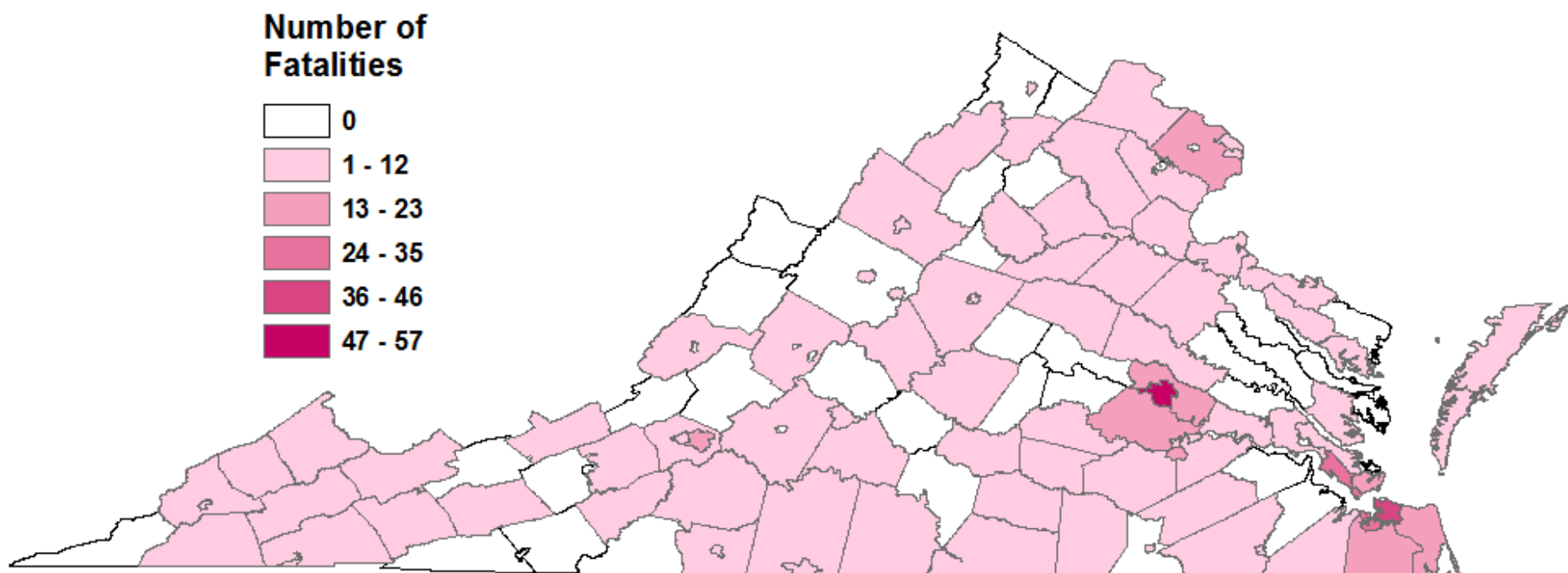
| Rank # | Locality of Residence | Homicide # |
|--------|-----------------------|------------|
| 1 | Richmond City | 57 |
| 2 | Norfolk City | 45 |
| 3 | Newport News City | 34 |
| 4 | Portsmouth City | 26 |
| 5 | Henrico County | 23 |
| 6 | Virginia Beach City | 21 |
| 7 | Chesapeake City | 20 |
| | Chesterfield County | 20 |
| 9 | Fairfax County | 19 |
| 10 | Roanoke City | 17 |

Table 2.8 Top 10 Localities with the Highest Rate of Residential Homicides, 2020

| Rank # | Locality of Residence | Homicide Rate |
|--------|-----------------------|---------------|
| 1 | Petersburg City | 52.6 |
| 2 | Portsmouth City | 27.3 |
| 3 | Hopewell City | 26.8 |
| 4 | Norton City | 25.1* |
| 5 | Richmond City | 24.5 |
| 6 | Martinsville City | 24.3* |
| 7 | Giles County | 24.0* |
| 8 | Amelia County | 23.1* |
| 9 | Emporia City | 19.0* |
| | Newport News City | 19.0 |

*Unstable rate based on small sample size (<5 deaths)

Map 2.1 Number of Homicides by Locality of Residence, 2020



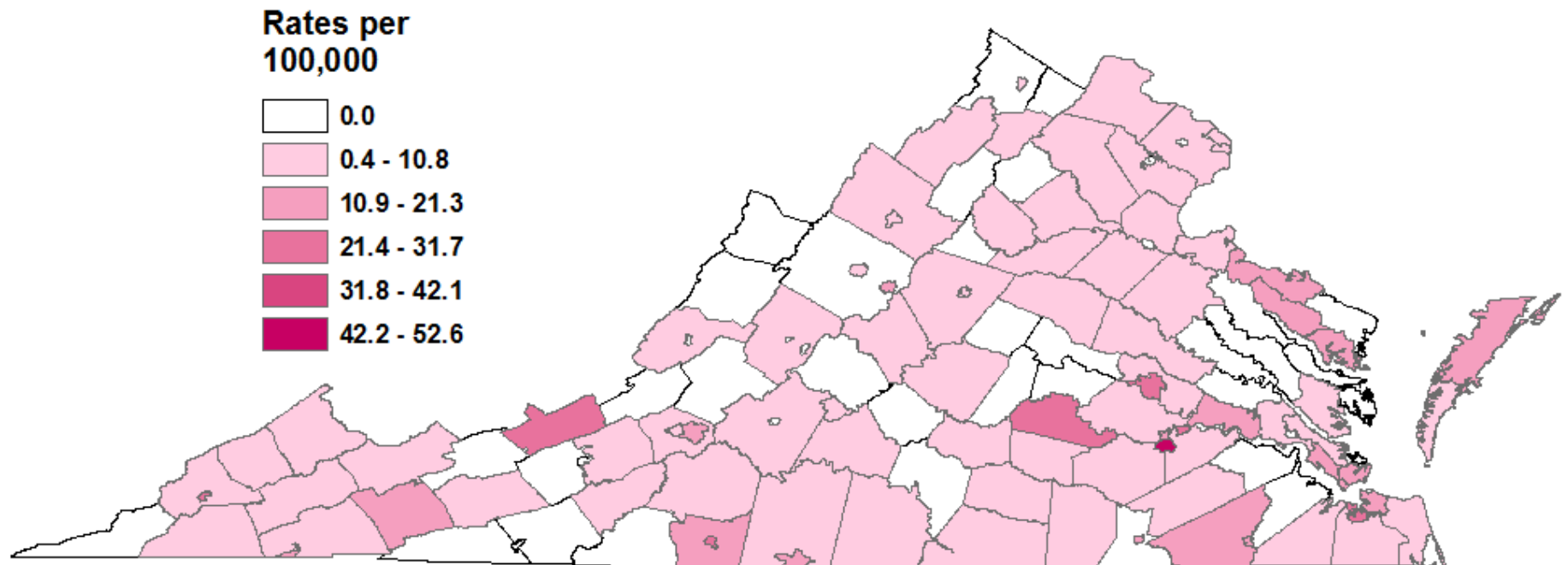
Map 2.2 Homicide Rates by Locality of Residence, 2020

Table 2.9 Number and Rate of Homicide Deaths by Locality of Injury, 2020

| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Accomack County | 6 | 18.6 |
| Albemarle County | 6 | 5.4 |
| Alexandria City | 3 | 1.9 |
| Alleghany County | 1 | 6.8 |
| Amelia County | 1 | 7.7 |
| Amherst County | 0 | 0.0 |
| Appomattox County | 0 | 0.0 |
| Arlington County | 3 | 1.2 |
| Augusta County | 0 | 0.0 |
| Bath County | 0 | 0.0 |
| Bedford County | 3 | 3.8 |
| Bland County | 2 | 32.1 |
| Botetourt County | 1 | 3.0 |
| Bristol City | 1 | 5.8 |
| Brunswick County | 1 | 6.2 |
| Buchanan County | 1 | 4.9 |
| Buckingham County | 1 | 5.8 |
| Buena Vista City | 0 | 0.0 |
| Campbell County | 2 | 3.6 |
| Caroline County | 1 | 3.2 |
| Carroll County | 0 | 0.0 |
| Charles City County | 1 | 14.7 |
| Charlotte County | 0 | 0.0 |
| Charlottesville City | 4 | 8.5 |
| Chesapeake City | 14 | 5.7 |
| Chesterfield County | 16 | 4.5 |
| Clarke County | 0 | 0.0 |
| Colonial Heights City | 0 | 0.0 |
| Covington City | 1 | 17.7 |
| Craig County | 2 | 39.4 |
| Culpeper County | 2 | 3.7 |
| Cumberland County | 0 | 0.0 |
| Danville City | 5 | 12.5 |
| Dickenson County | 1 | 7.1 |
| Dinwiddie County | 2 | 7.0 |
| Emporia City | 2 | 38.0 |
| Essex County | 0 | 0.0 |
| Fairfax City | 0 | 0.0 |
| Fairfax County | 18 | 1.6 |
| Falls Church City | 1 | 6.8 |
| Fauquier County | 6 | 8.4 |
| Floyd County | 1 | 6.3 |

| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Fluvanna County | 0 | 0.0 |
| Franklin City | 2 | 25.5 |
| Franklin County | 6 | 10.7 |
| Frederick County | 4 | 4.4 |
| Fredericksburg City | 2 | 6.8 |
| Galax City | 0 | 0.0 |
| Giles County | 3 | 18.0 |
| Gloucester County | 3 | 8.0 |
| Goochland County | 0 | 0.0 |
| Grayson County | 0 | 0.0 |
| Greene County | 1 | 5.0 |
| Greensville County | 1 | 8.9 |
| Halifax County | 4 | 11.9 |
| Hampton City | 24 | 17.7 |
| Hanover County | 0 | 0.0 |
| Harrisonburg City | 1 | 1.9 |
| Henrico County | 17 | 5.1 |
| Henry County | 9 | 17.9 |
| Highland County | 0 | 0.0 |
| Hopewell City | 6 | 26.8 |
| Isle of Wight County | 1 | 2.7 |
| James City County | 3 | 3.9 |
| King and Queen County | 0 | 0.0 |
| King George County | 1 | 3.7 |
| King William County | 0 | 0.0 |
| Lancaster County | 2 | 18.8 |
| Lee County | 0 | 0.0 |
| Lexington City | 0 | 0.0 |
| Loudoun County | 3 | 0.7 |
| Louisa County | 0 | 0.0 |
| Lunenburg County | 1 | 8.2 |
| Lynchburg City | 5 | 6.1 |
| Madison County | 1 | 7.5 |
| Manassas | 1 | 2.4 |
| Manassas Park | 0 | 0.0 |
| Martinsville City | 2 | 16.2 |
| Mathews County | 0 | 0.0 |
| Mecklenburg County | 4 | 13.0 |
| Middlesex County | 0 | 0.0 |
| Montgomery County | 1 | 1.0 |
| Nelson County | 1 | 6.8 |
| New Kent County | 0 | 0.0 |

| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Newport News City | 28 | 15.6 |
| Norfolk City | 52 | 21.4 |
| Northampton County | 1 | 8.6 |
| Northumberland County | 0 | 0.0 |
| Norton City | 0 | 0.0 |
| Nottoway County | 2 | 13.2 |
| Orange County | 1 | 2.7 |
| Page County | 0 | 0.0 |
| Patrick County | 1 | 5.7 |
| Petersburg City | 22 | 72.3 |
| Pittsylvania County | 2 | 3.3 |
| Poquoson City | 0 | 0.0 |
| Portsmouth City | 32 | 33.7 |
| Powhatan County | 0 | 0.0 |
| Prince Edward County | 0 | 0.0 |
| Prince George County | 2 | 5.2 |
| Prince William County | 8 | 1.7 |
| Pulaski County | 0 | 0.0 |
| Radford City | 1 | 5.5 |
| Rappahannock County | 0 | 0.0 |
| Richmond City | 77 | 33.2 |
| Richmond County | 1 | 11.0 |
| Roanoke City | 17 | 17.2 |
| Roanoke County | 2 | 2.1 |
| Rockbridge County | 0 | 0.0 |
| Rockingham County | 4 | 4.9 |
| Russell County | 1 | 3.8 |
| Salem City | 1 | 3.9 |
| Scott County | 2 | 9.2 |

| Locality of Injury | Deaths | Rate |
|--------------------------------|------------|------------|
| Shenandoah County | 0 | 0.0 |
| Smyth County | 4 | 13.3 |
| Southampton County | 0 | 0.0 |
| Spotsylvania County | 5 | 3.6 |
| Stafford County | 2 | 1.3 |
| Staunton City | 2 | 7.9 |
| Suffolk City | 3 | 3.2 |
| Surry County | 0 | 0.0 |
| Sussex County | 2 | 18.3 |
| Tazewell County | 2 | 4.9 |
| Virginia Beach City | 20 | 4.4 |
| Warren County | 0 | 0.0 |
| Washington County | 5 | 9.3 |
| Waynesboro City | 2 | 8.8 |
| Westmoreland County | 2 | 11.0 |
| Williamsburg City | 0 | 0.0 |
| Winchester City | 3 | 10.8 |
| Wise County | 3 | 8.1 |
| Wythe County | 2 | 7.0 |
| York County | 5 | 7.2 |
| <i>Subtotal (in-state)</i> | 537 | 6.3 |
| Out of State | 6 | ND |
| Unknown | 6 | ND |
| <i>Subtotal (out-of-state)</i> | 12 | ND |
| TOTAL | 549 | 6.4 |

Note: No denominator is represented by ND.

Table 2.10 Top 10 Localities with the Largest Number of Homicides by Locality of Injury, 2020

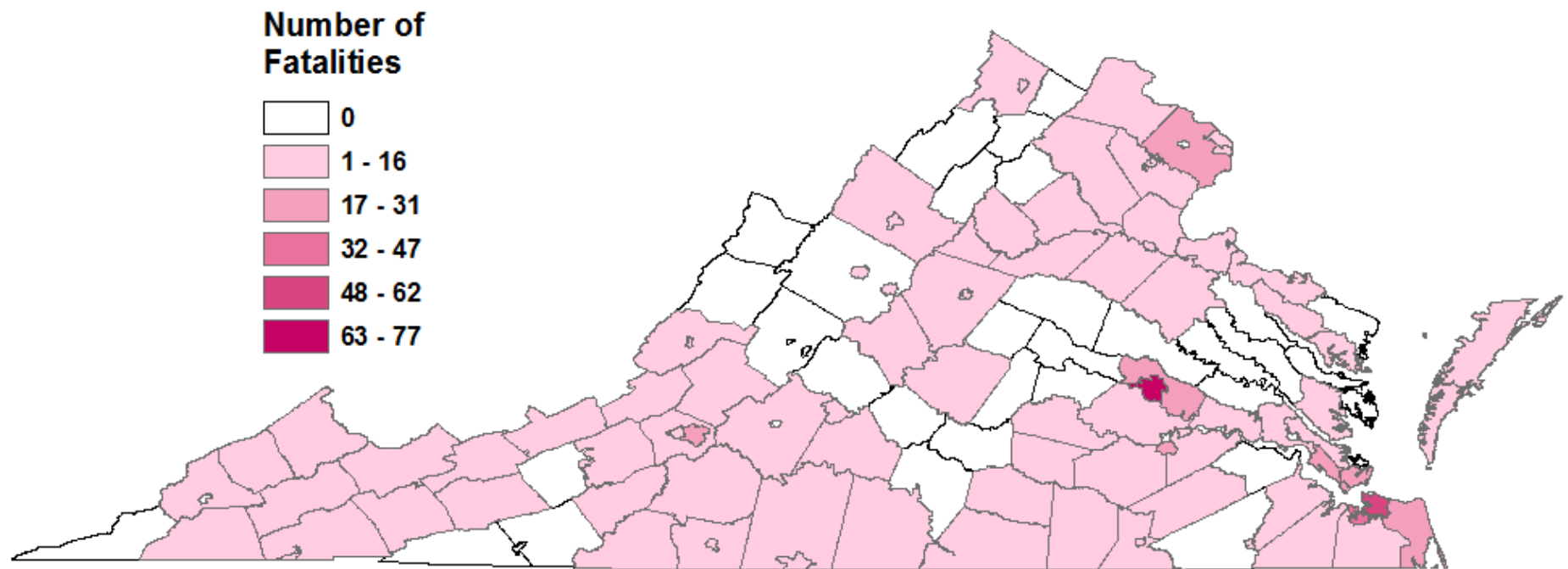
| Rank # | Locality of Injury | Homicide # |
|--------|---------------------|------------|
| 1 | Richmond City | 77 |
| 2 | Norfolk City | 52 |
| 3 | Portsmouth City | 32 |
| 4 | Newport News City | 28 |
| 5 | Hampton City | 24 |
| 6 | Petersburg City | 22 |
| 7 | Virginia Beach City | 20 |
| 8 | Fairfax County | 18 |
| 9 | Henrico County | 17 |
| | Roanoke City | 17 |

Table 2.11 Top 10 Localities with the Highest Rate of Homicide by Locality of Injury, 2020

| Rank # | Locality of Injury | Homicide Rate |
|--------|--------------------|---------------|
| 1 | Petersburg City | 72.3 |
| 2 | Craig County | 39.4* |
| 3 | Emporia City | 38.0* |
| 4 | Portsmouth City | 33.7 |
| 5 | Richmond City | 33.2 |
| 6 | Bland County | 32.1* |
| 7 | Hopewell City | 26.8 |
| 8 | Franklin City | 25.5* |
| 9 | Norfolk City | 21.4 |
| 10 | Lancaster County | 18.8* |

*Unstable rate based on small sample size (<5 deaths)

Map 2.3 Number of Homicides by Locality of Injury, 2020



Map 2.4 Homicide Rates by Locality of Injury, 2020

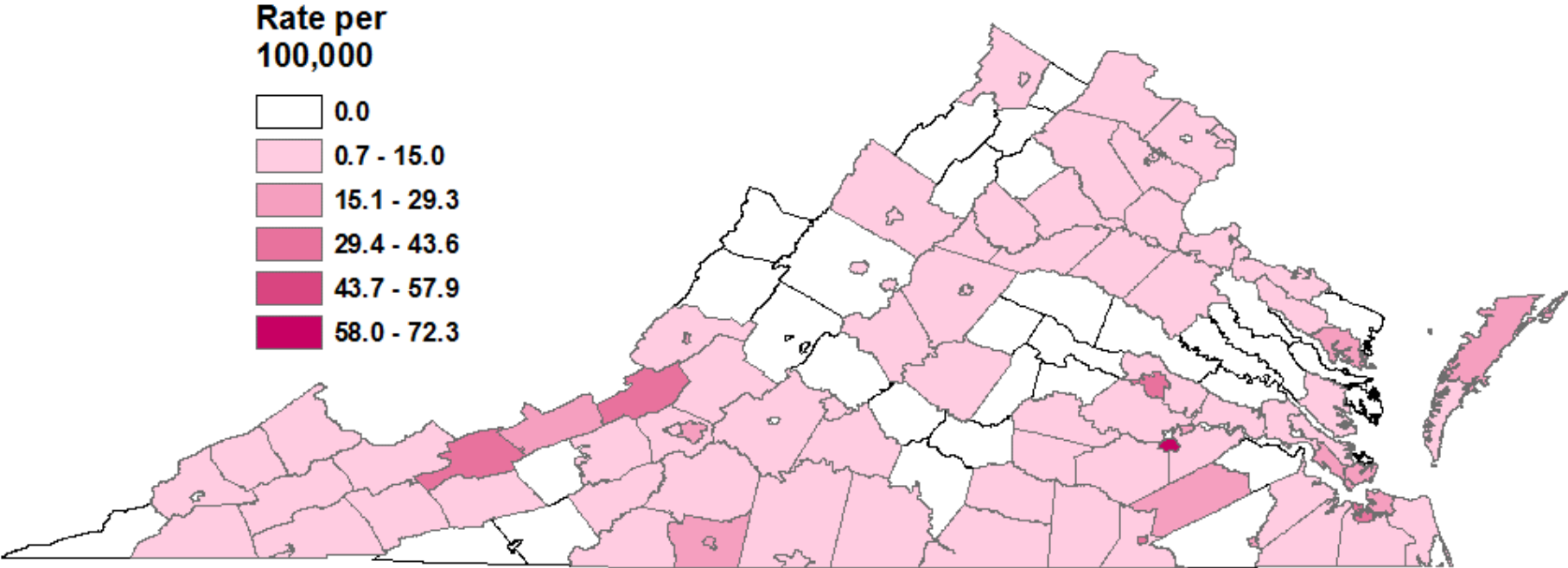


Table 2.12 Number of Homicide Deaths by Locality of Death and Year of Death, 2006-2020

| Locality of Death | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | TOTAL |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Accomack County | 5 | 4 | 2 | 2 | 2 | 4 | 1 | 3 | 4 | 3 | 4 | 1 | 1 | 6 | 6 | 48 |
| Albemarle County | 1 | 0 | 1 | 0 | 3 | 0 | 3 | 2 | 2 | 1 | 0 | 4 | 1 | 1 | 5 | 24 |
| Alexandria City | 4 | 7 | 4 | 4 | 2 | 0 | 2 | 6 | 4 | 3 | 5 | 3 | 3 | 1 | 2 | 50 |
| Alleghany County | 0 | 3 | 1 | 0 | 2 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 |
| Amelia County | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 1 | 4 |
| Amherst County | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 2 | 0 | 1 | 0 | 0 | 3 | 0 | 11 |
| Appomattox County | 0 | 1 | 1 | 0 | 7 | 1 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 1 | 15 |
| Arlington County | 3 | 3 | 4 | 2 | 0 | 0 | 5 | 0 | 1 | 2 | 0 | 3 | 3 | 3 | 3 | 32 |
| Augusta County | 3 | 1 | 1 | 1 | 3 | 3 | 2 | 0 | 4 | 1 | 4 | 1 | 2 | 0 | 1 | 27 |
| Bath County | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 |
| Bedford City | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | 0 |
| Bedford County | 1 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 4 | 3 | 1 | 1 | 3 | 1 | 3 | 20 |
| Bland County | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 5 |
| Botetourt County | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| Bristol City | 4 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 9 |
| Brunswick County | 3 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 8 |
| Buchanan County | 1 | 0 | 2 | 6 | 3 | 6 | 1 | 0 | 1 | 1 | 4 | 1 | 0 | 1 | 1 | 28 |
| Buckingham County | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 1 | 8 |
| Buena Vista City | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Campbell County | 2 | 2 | 2 | 5 | 2 | 1 | 3 | 3 | 0 | 0 | 6 | 2 | 3 | 1 | 1 | 33 |
| Caroline County | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 13 |
| Carroll County | 1 | 4 | 1 | 1 | 1 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 15 |
| Charles City County | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 |
| Charlotte County | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 2 | 2 | 0 | 1 | 0 | 0 | 10 |
| Charlottesville City | 5 | 6 | 12 | 3 | 5 | 3 | 4 | 6 | 8 | 4 | 4 | 10 | 5 | 5 | 6 | 86 |
| Chesapeake City | 7 | 7 | 7 | 10 | 9 | 10 | 9 | 8 | 8 | 11 | 11 | 6 | 6 | 7 | 10 | 126 |
| Chesterfield County | 5 | 6 | 9 | 3 | 6 | 11 | 9 | 9 | 9 | 8 | 6 | 11 | 2 | 10 | 9 | 113 |
| Clarke County | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 5 |
| Colonial Heights City | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 5 |
| Covington City | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 |
| Craig County | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 4 |

| Locality of Death | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | TOTAL |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Culpeper County | 1 | 1 | 0 | 0 | 0 | 3 | 1 | 2 | 6 | 1 | 4 | 2 | 1 | 0 | 2 | 24 |
| Cumberland County | 0 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 6 |
| Danville City | 5 | 5 | 8 | 10 | 7 | 7 | 5 | 5 | 3 | 6 | 15 | 14 | 13 | 6 | 4 | 113 |
| Dickenson County | 0 | 1 | 1 | 1 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 2 | 2 | 14 |
| Dinwiddie County | 5 | 1 | 1 | 0 | 2 | 0 | 3 | 4 | 0 | 2 | 2 | 0 | 1 | 0 | 1 | 22 |
| Emporia City | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 0 | 1 | 2 | 0 | 2 | 1 | 1 | 2 | 19 |
| Essex County | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 5 |
| Fairfax City | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Fairfax County | 29 | 20 | 28 | 24 | 20 | 16 | 19 | 10 | 16 | 17 | 27 | 29 | 20 | 23 | 21 | 319 |
| Falls Church City | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 |
| Fauquier County | 2 | 4 | 1 | 2 | 1 | 1 | 3 | 2 | 1 | 1 | 1 | 2 | 4 | 2 | 6 | 33 |
| Floyd County | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 6 |
| Fluvanna County | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 4 |
| Franklin City | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 2 | 2 | 10 |
| Franklin County | 2 | 1 | 0 | 4 | 4 | 2 | 0 | 4 | 2 | 9 | 0 | 4 | 1 | 4 | 6 | 43 |
| Frederick County | 7 | 0 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 3 | 25 |
| Fredericksburg City | 0 | 2 | 3 | 4 | 3 | 3 | 3 | 4 | 1 | 7 | 4 | 4 | 4 | 5 | 4 | 51 |
| Galax City | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 7 |
| Giles County | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 3 | 6 |
| Gloucester County | 0 | 1 | 1 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 1 | 2 | 1 | 3 | 3 | 18 |
| Goochland County | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 7 |
| Grayson County | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 3 | 0 | 13 |
| Greene County | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 6 |
| Greensville County | 5 | 0 | 5 | 4 | 3 | 2 | 0 | 2 | 0 | 1 | 0 | 3 | 0 | 0 | 1 | 26 |
| Halifax County | 1 | 3 | 5 | 0 | 2 | 2 | 0 | 0 | 0 | 1 | 3 | 2 | 4 | 4 | 4 | 31 |
| Hampton City | 14 | 6 | 4 | 7 | 9 | 3 | 7 | 20 | 7 | 11 | 12 | 13 | 11 | 15 | 20 | 159 |
| Hanover County | 2 | 0 | 1 | 0 | 2 | 2 | 5 | 0 | 1 | 3 | 2 | 2 | 3 | 0 | 0 | 23 |
| Harrisonburg City | 4 | 0 | 0 | 0 | 1 | 2 | 1 | 1 | 0 | 1 | 2 | 0 | 1 | 0 | 1 | 14 |
| Henrico County | 10 | 6 | 15 | 7 | 9 | 9 | 9 | 6 | 6 | 9 | 14 | 18 | 7 | 7 | 11 | 143 |
| Henry County | 7 | 3 | 3 | 5 | 6 | 4 | 5 | 1 | 3 | 2 | 2 | 0 | 3 | 1 | 7 | 52 |
| Highland County | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |

| Locality of Death | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | TOTAL |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Hopewell City | 4 | 2 | 4 | 2 | 2 | 1 | 2 | 2 | 5 | 3 | 5 | 2 | 6 | 4 | 5 | 49 |
| Isle of Wight County | 1 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 1 | 1 | 0 | 2 | 0 | 1 | 1 | 12 |
| James City County | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 2 | 0 | 2 | 2 | 1 | 0 | 1 | 3 | 15 |
| King and Queen County | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 3 |
| King George County | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 5 |
| King William County | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Lancaster County | 2 | 0 | 1 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 9 |
| Lee County | 0 | 1 | 2 | 1 | 4 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 17 |
| Lexington City | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Loudoun County | 4 | 1 | 3 | 4 | 1 | 2 | 2 | 5 | 4 | 2 | 4 | 4 | 4 | 0 | 2 | 42 |
| Louisa County | 0 | 4 | 1 | 1 | 3 | 0 | 1 | 0 | 1 | 0 | 3 | 2 | 0 | 3 | 0 | 19 |
| Lunenburg County | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 2 | 1 | 11 |
| Lynchburg City | 2 | 1 | 5 | 0 | 4 | 5 | 3 | 1 | 8 | 4 | 3 | 5 | 7 | 4 | 5 | 57 |
| Madison County | 0 | 0 | 1 | 0 | 1 | 3 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 10 |
| Manassas | 1 | 2 | 5 | 2 | 0 | 3 | 1 | 1 | 2 | 0 | 1 | 2 | 2 | 2 | 1 | 25 |
| Manassas Park | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Martinsville City | 0 | 2 | 3 | 0 | 4 | 3 | 1 | 2 | 2 | 3 | 1 | 3 | 1 | 3 | 2 | 30 |
| Mathews County | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 3 |
| Mecklenburg County | 0 | 1 | 4 | 3 | 2 | 1 | 0 | 2 | 1 | 1 | 3 | 1 | 2 | 2 | 4 | 27 |
| Middlesex County | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 7 |
| Montgomery County | 3 | 31 | 2 | 8 | 2 | 1 | 0 | 2 | 2 | 2 | 0 | 2 | 1 | 0 | 1 | 57 |
| Nelson County | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 9 |
| New Kent County | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 |
| Newport News City | 20 | 31 | 23 | 31 | 30 | 21 | 29 | 18 | 26 | 31 | 43 | 32 | 34 | 27 | 33 | 429 |
| Norfolk City | 34 | 75 | 41 | 63 | 47 | 40 | 56 | 38 | 48 | 48 | 64 | 50 | 51 | 48 | 71 | 774 |
| Northampton County | 2 | 3 | 0 | 0 | 2 | 1 | 1 | 4 | 0 | 3 | 3 | 0 | 0 | 0 | 1 | 20 |
| Northumberland County | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 |
| Norton City | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Nottoway County | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 2 | 0 | 1 | 1 | 2 | 10 |
| Orange County | 2 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 9 |
| Page County | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |

| Locality of Death | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | TOTAL |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Patrick County | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 3 | 0 | 1 | 8 |
| Petersburg City | 10 | 8 | 4 | 11 | 11 | 8 | 5 | 6 | 12 | 18 | 9 | 10 | 14 | 19 | 21 | 166 |
| Pittsylvania County | 2 | 3 | 3 | 2 | 4 | 4 | 1 | 0 | 2 | 0 | 3 | 1 | 3 | 10 | 3 | 41 |
| Poquoson City | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portsmouth City | 18 | 11 | 14 | 16 | 13 | 13 | 8 | 7 | 7 | 23 | 9 | 13 | 17 | 16 | 21 | 206 |
| Powhatan County | 0 | 0 | 3 | 1 | 1 | 3 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 11 |
| Prince Edward County | 0 | 1 | 1 | 7 | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 4 | 0 | 2 | 0 | 21 |
| Prince George County | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 1 | 0 | 2 | 10 |
| Prince William County | 12 | 11 | 10 | 9 | 8 | 7 | 1 | 5 | 4 | 9 | 15 | 5 | 8 | 12 | 8 | 124 |
| Pulaski County | 1 | 0 | 2 | 1 | 2 | 0 | 1 | 1 | 4 | 0 | 2 | 2 | 0 | 1 | 0 | 17 |
| Radford City | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 4 |
| Rappahannock County | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Richmond City | 85 | 76 | 47 | 58 | 56 | 50 | 55 | 56 | 55 | 55 | 82 | 96 | 72 | 80 | 94 | 1017 |
| Richmond County | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 3 |
| Roanoke City | 13 | 12 | 23 | 14 | 14 | 15 | 12 | 18 | 7 | 17 | 19 | 28 | 21 | 19 | 24 | 256 |
| Roanoke County | 1 | 2 | 0 | 1 | 4 | 0 | 1 | 0 | 1 | 0 | 2 | 0 | 6 | 1 | 2 | 21 |
| Rockbridge County | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 3 | 1 | 1 | 0 | 9 |
| Rockingham County | 1 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 4 | 0 | 0 | 2 | 2 | 2 | 4 | 20 |
| Russell County | 2 | 0 | 1 | 1 | 0 | 2 | 0 | 2 | 3 | 0 | 0 | 1 | 0 | 0 | 1 | 13 |
| Salem City | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 6 |
| Scott County | 0 | 2 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 2 | 1 | 2 | 13 |
| Shenandoah County | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 3 | 0 | 1 | 0 | 2 | 3 | 0 | 12 |
| Smyth County | 0 | 0 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 4 | 13 |
| Southampton County | 1 | 3 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 1 | 0 | 12 |
| Spotsylvania County | 4 | 4 | 0 | 3 | 5 | 2 | 1 | 3 | 1 | 1 | 2 | 2 | 1 | 4 | 5 | 38 |
| Stafford County | 1 | 2 | 3 | 4 | 1 | 2 | 1 | 3 | 1 | 4 | 5 | 2 | 3 | 4 | 1 | 37 |
| Staunton City | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 7 |
| Suffolk City | 8 | 2 | 5 | 5 | 3 | 3 | 2 | 6 | 2 | 2 | 5 | 1 | 2 | 7 | 3 | 56 |
| Surry County | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Sussex County | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 2 | 4 | 1 | 1 | 13 |
| Tazewell County | 0 | 3 | 2 | 5 | 3 | 0 | 2 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 20 |

| Locality of Death | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | TOTAL |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| Virginia Beach City | 20 | 16 | 18 | 16 | 13 | 14 | 14 | 17 | 17 | 18 | 19 | 13 | 20 | 30 | 21 | 266 |
| Warren County | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 3 | 0 | 1 | 0 | 9 |
| Washington County | 0 | 0 | 2 | 1 | 2 | 2 | 1 | 2 | 4 | 0 | 0 | 6 | 3 | 2 | 5 | 30 |
| Waynesboro City | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 2 | 8 |
| Westmoreland County | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 1 | 9 |
| Williamsburg City | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Winchester City | 2 | 2 | 2 | 0 | 0 | 2 | 1 | 1 | 1 | 2 | 0 | 1 | 1 | 2 | 4 | 21 |
| Wise County | 0 | 2 | 0 | 2 | 0 | 0 | 4 | 0 | 2 | 2 | 2 | 1 | 4 | 0 | 2 | 21 |
| Wythe County | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 3 | 14 |
| York County | 3 | 1 | 1 | 0 | 0 | 3 | 0 | 4 | 4 | 1 | 2 | 1 | 3 | 1 | 4 | 28 |
| <i>Subtotal (in-state)</i> | <i>422</i> | <i>439</i> | <i>398</i> | <i>408</i> | <i>388</i> | <i>341</i> | <i>337</i> | <i>339</i> | <i>354</i> | <i>387</i> | <i>470</i> | <i>468</i> | <i>427</i> | <i>458</i> | <i>546</i> | <i>6182</i> |
| Out of State | 1 | 1 | 2 | 4 | 3 | 4 | 7 | 1 | 4 | 2 | 7 | 1 | 3 | 3 | 3 | 46 |
| Unknown | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| <i>Subtotal (out-of-state)</i> | <i>5</i> | <i>1</i> | <i>2</i> | <i>4</i> | <i>3</i> | <i>4</i> | <i>7</i> | <i>1</i> | <i>5</i> | <i>2</i> | <i>7</i> | <i>1</i> | <i>3</i> | <i>3</i> | <i>3</i> | <i>51</i> |
| TOTAL | 427 | 440 | 400 | 412 | 391 | 345 | 344 | 340 | 359 | 389 | 477 | 469 | 430 | 461 | 549 | 6233 |

Note: Bedford City was incorporated into Bedford County in 2014 and therefore numbers are combined from there forward

NATURAL DEATHS (N=2,246)

Most natural deaths that occur in Virginia do not fall under the jurisdiction of the OCME. Natural deaths enter the medical examiner system as deaths that are sudden, unexpected, or suspicious, which upon examination and investigation are then established as natural. Natural deaths may also fall under the OCME's jurisdiction when the decedent does not have a primary care physician to certify their deaths, the decedent dies while in-custody, or the decedent is a patient of a state mental health facility.

- Natural deaths accounted for 25.9% of all deaths investigated by the OCME in 2020
- The number of natural deaths accepted by OCME increased in 2020 compared with 2019 (an increase of 364 deaths or 19.3%).

Figure 2.19 Number and Rate of Natural Deaths Investigated by the OCME by Year of Death, 1999-2020

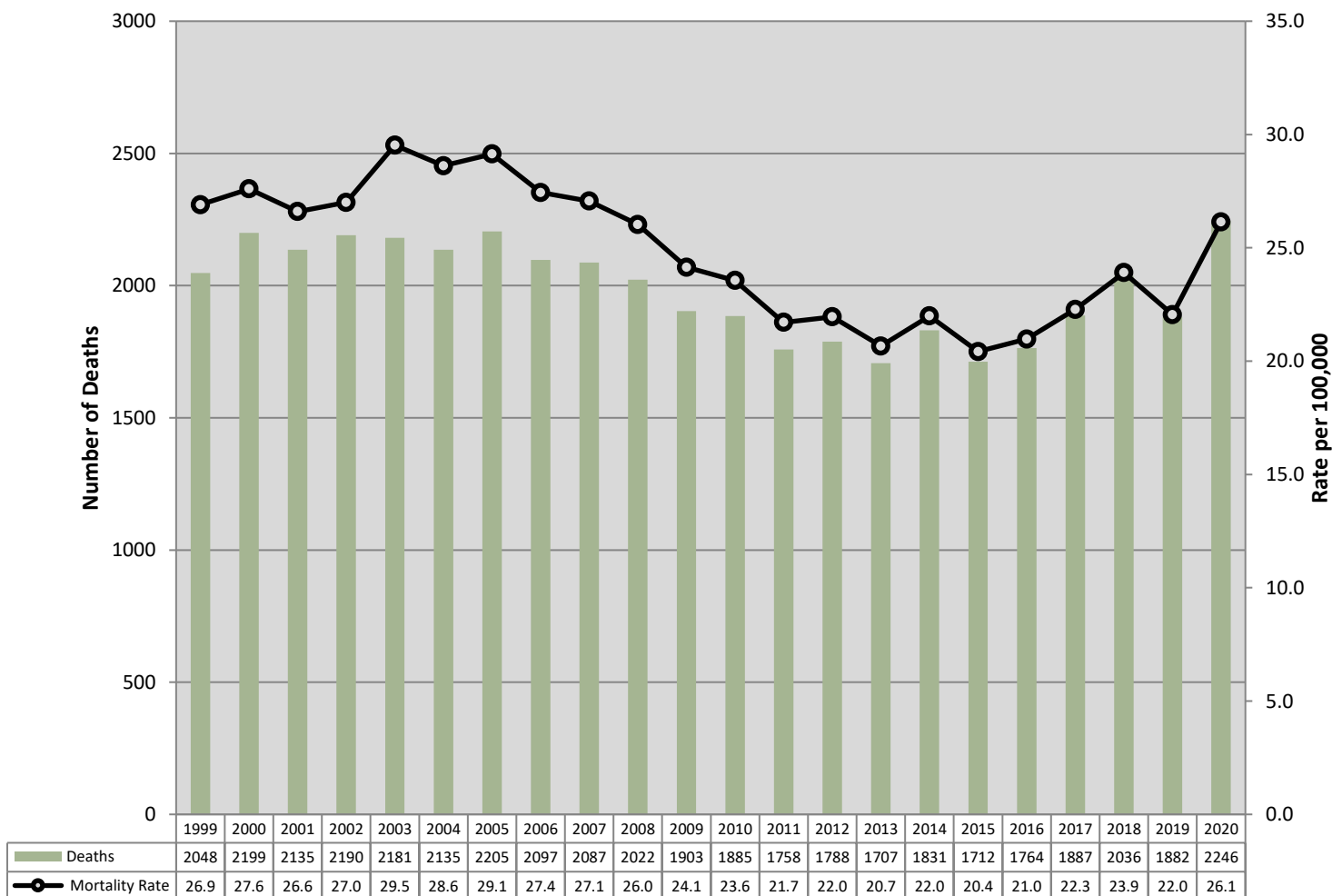


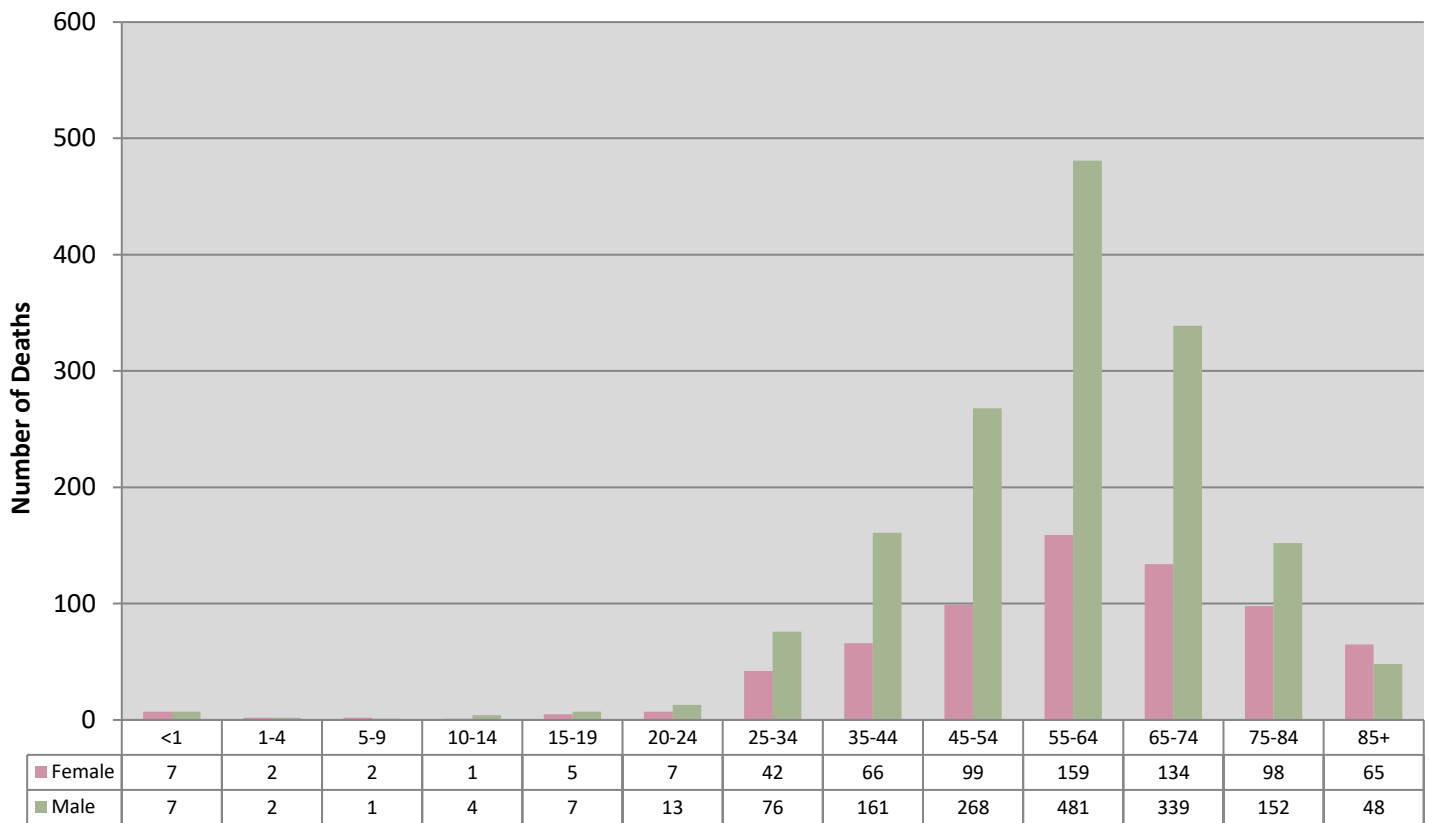
Figure 2.20 Number of Natural Deaths Investigated by the OCME by Age Group and Gender, 2020

Table 2.13 Number of Natural Deaths Investigated by the OCME by Cause and Method of Death, 2020

| Method and Cause of Death | Autopsied | Total Cases |
|---|-----------|-------------|
| Cardiovascular Diseases/Disorders | | |
| Acute coronary insufficiency | 7 | 259 |
| Arrhythmogenic right ventricular dysplasia | 1 | 1 |
| Atherosclerosis | 39 | 625 |
| Atherosclerosis and hypertension | 75 | 163 |
| Cardiac dysrhythmia of undetermined etiology | 22 | 38 |
| Cardiomyopathy not otherwise specified | 15 | 35 |
| Congenital defect | 2 | 3 |
| Hypertension | 44 | 290 |
| Other cardiac disease/disorder | 11 | 19 |
| Valvular | 4 | 7 |
| Vascular dissection/rupture | 3 | 5 |
| Central Nervous System Diseases/Disorders | | |
| CNS malignancy | 2 | 3 |
| Degenerative disease | 5 | 13 |
| Other CNS disease/disorder | 1 | 7 |
| Meningitis (bacterial or viral) | 2 | 2 |
| Seizure disorder | 7 | 15 |
| Vascular disease | 16 | 31 |
| Gastrointestinal Diseases/Disorders | | |
| Cirrhosis | 4 | 16 |
| GI hemorrhage | 3 | 20 |
| GI malignancy | 7 | 21 |
| Hepatitis | 0 | 4 |
| Other GI disease/disorder | 14 | 22 |
| Genitourinal Diseases/Disorders | | |
| Genitourinal malignancy | 9 | 13 |
| Other GU disease/disorder | 4 | 5 |
| Renal disease | 2 | 4 |
| Other Natural Diseases/Disorders | | |
| Other malignancy | 3 | 10 |
| Other natural disease/disorder | 3 | 13 |
| Perinatal and Pediatric Diseases/Disorders | | |
| Fetal complications | 0 | 1 |
| Sudden infant death syndrome | 1 | 1 |
| Other perinatal or pediatric disorder | 4 | 4 |
| Pulmonary Disease/Disorders | | |
| Asthma | 5 | 13 |
| COPD | 5 | 28 |

| | | |
|--|------------|-------------|
| Emboli | 33 | 39 |
| Pneumonia | 20 | 81 |
| Pulmonary malignancy | 6 | 19 |
| Other pulmonary disease/disorder | 3 | 17 |
| Systemic Diseases/Disorders | | |
| Blood disorders | 0 | 4 |
| Chronic alcoholism | 33 | 215 |
| Chronic drug abuse | 3 | 6 |
| Complications of dementia | 4 | 10 |
| Diabetes | 20 | 86 |
| Metastatic malignancy of unknown primary | 2 | 3 |
| Obesity | 2 | 9 |
| Other infectious disease | 7 | 43 |
| Other systemic disease/disorder | 4 | 9 |
| Sepsis | 5 | 14 |
| TOTAL NATURAL DEATHS | 462 | 2246 |

SUICIDE DEATHS (N=1,209)

In general, suicide deaths have been slowly increasing since 1999. The number of suicide deaths in 2020 compared to 2019 increased 4.3%. The largest number of victims were male (78.3%), White (78.6%), and aged 25-34 years of age (17.1%). Males 85+ years of age and older as well as white males had the highest rates of suicide compared to other groups within the total population (55.2 and 28.4 per 100,000 persons, respectively).

- Whites committed suicide at a rate 4.5 times that of Hispanics, 3.0 times that of Asians, and 2.1 times that of Black populations
- Males were 3.7 times more likely to commit suicide than females
- Firearms (specifically handguns), hangings, and drug use were the three most commonly used methods in suicides, with these deaths representing 58.7%, 22.9%, and 10.6% of all suicides, respectively

Figure 2.21 Number and Rate of Suicide Deaths by Year of Death, 1999-2020

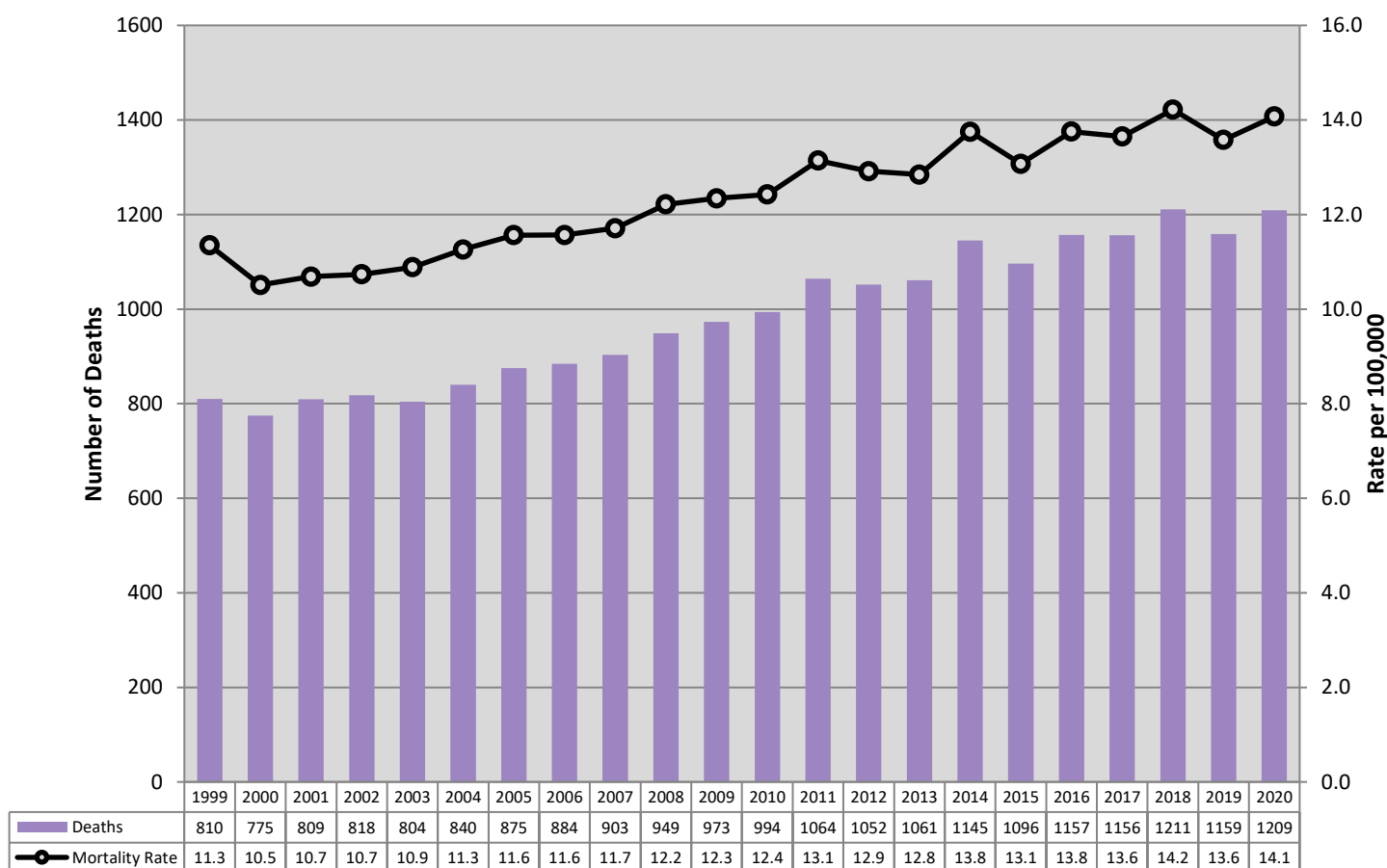


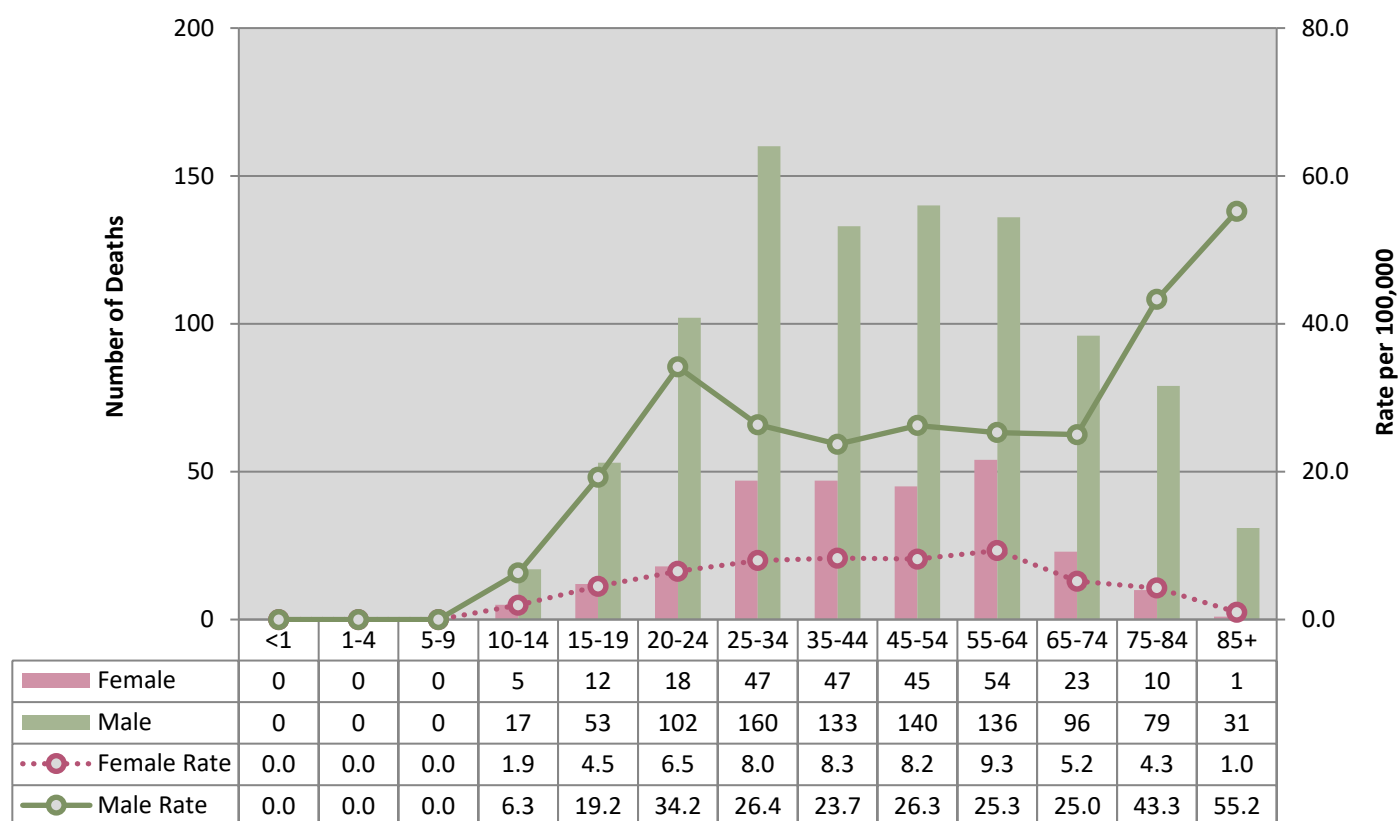
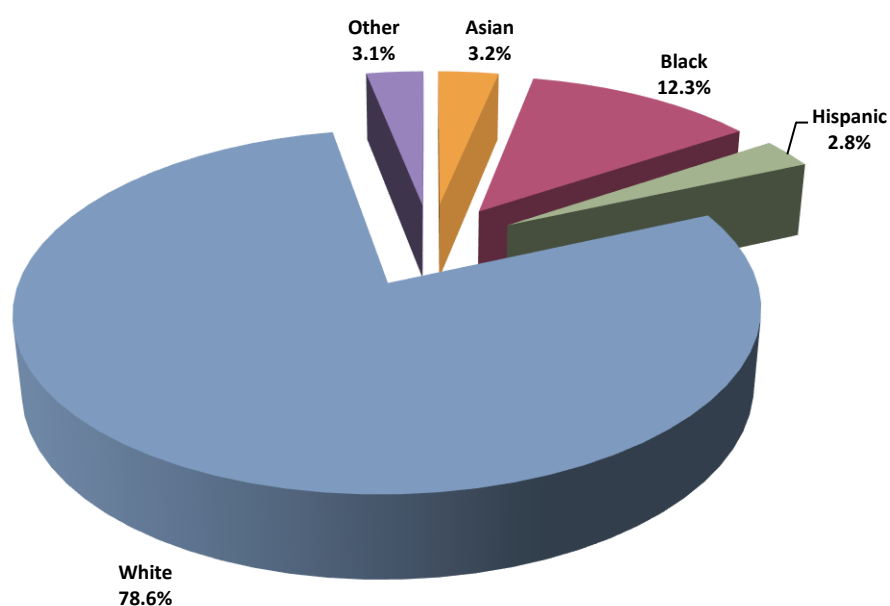
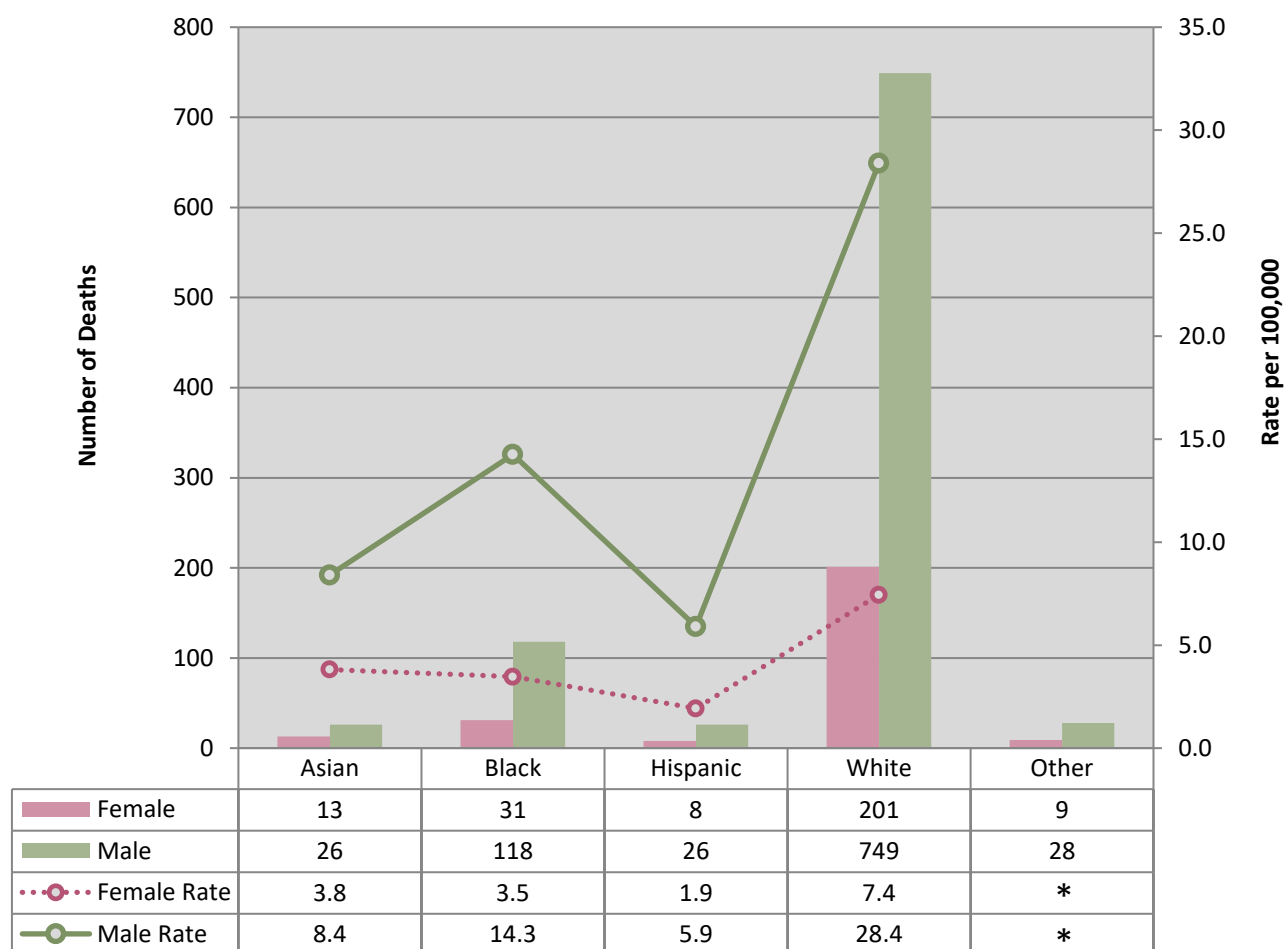
Figure 2.22 Number and Rate of Suicide Deaths by Age Group and Gender, 2020**Figure 2.23 Percentage of Suicide Deaths by Race/Ethnicity, 2020**

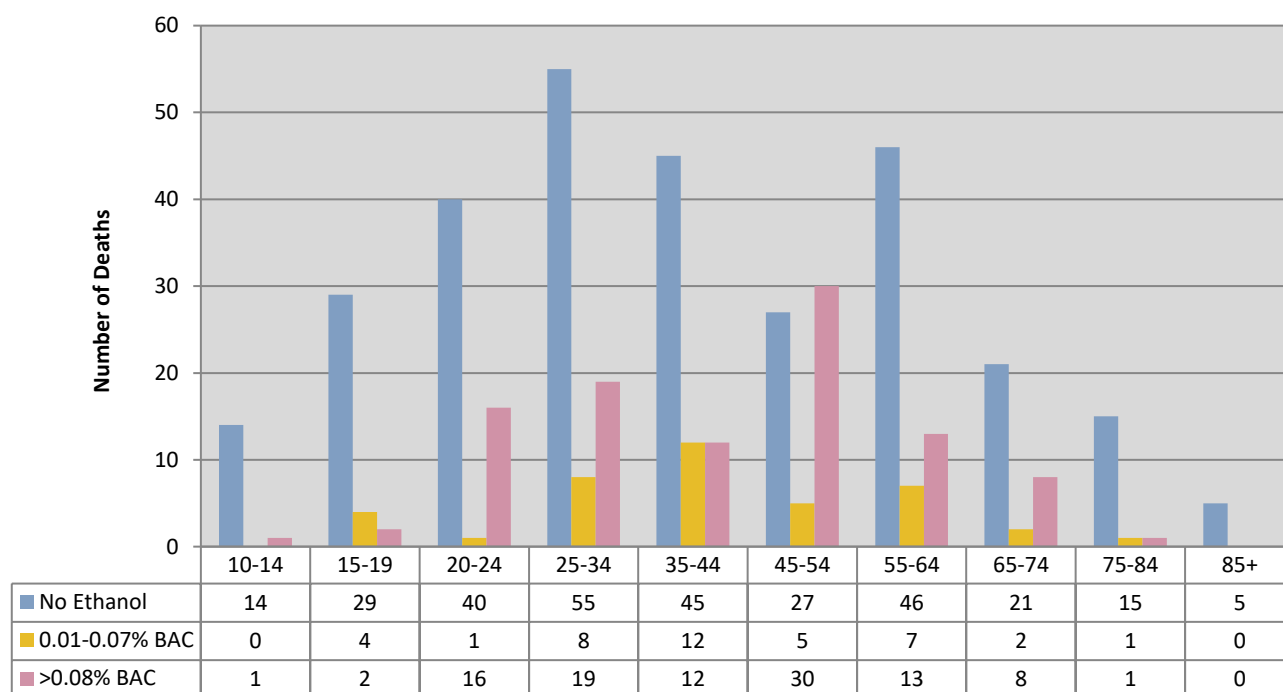
Figure 2.24 Number and Rate of Suicide Deaths by Race/Ethnicity and Gender, 2020

*No rate can be calculated

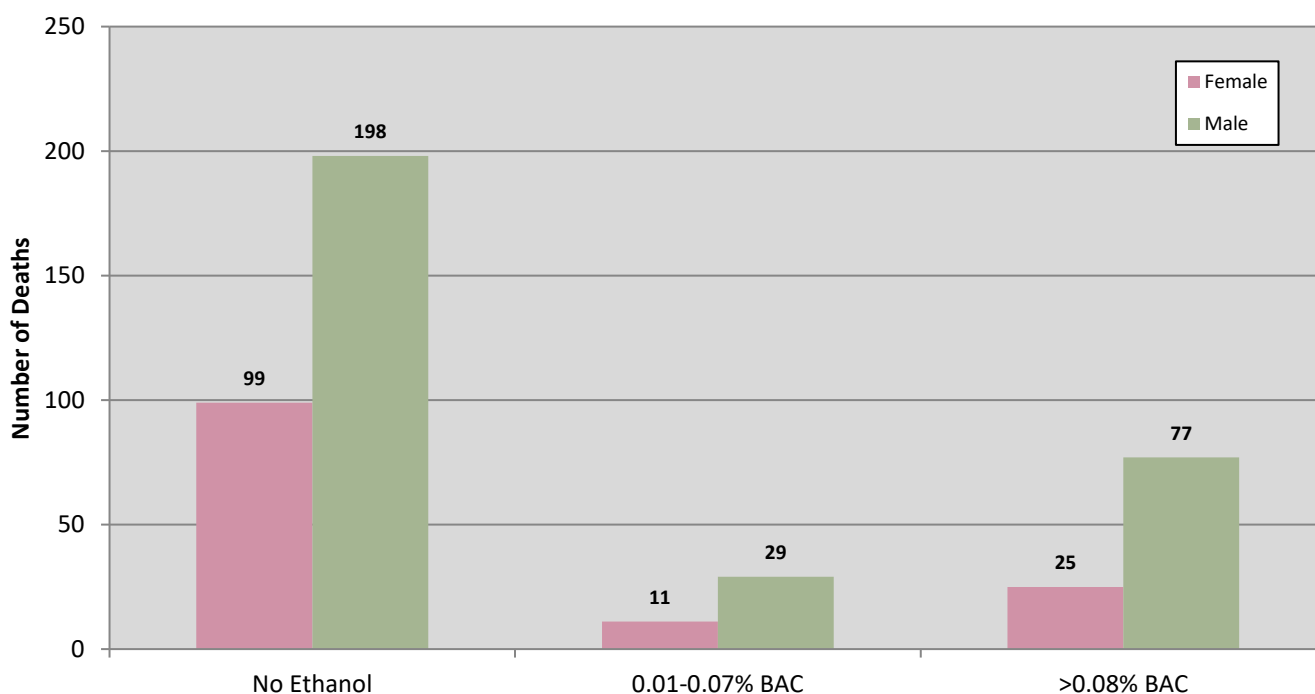
Note: Rates calculated from small case counts (n<5) are considered unreliable and should be interpreted with caution

Table 2.14 Number of Suicide Deaths by Cause and Method of Death, 2020

| Method of Death | Autopsied | Total Cases |
|---|------------|-------------|
| Asphyxia | | |
| Carbon monoxide (CO) poisoning-motor vehicle exhaust | 1 | 7 |
| Carbon monoxide (CO) poisoning-other | 1 | 6 |
| Choked on food or foreign object | 0 | 1 |
| Drowned | 5 | 6 |
| Hanged | 40 | 277 |
| Mechanical/Positional asphyxia | 1 | 1 |
| Oxygen depletion or replacement | 0 | 3 |
| Plastic bag asphyxia | 1 | 5 |
| Strangled/Neck compression | 1 | 4 |
| Suffocated/Smothered | 0 | 3 |
| Other asphyxia | 0 | 2 |
| Drug Use | | |
| Ingested ethylene glycol | 0 | 1 |
| Ingested and/or injected illicit, prescription, and/or other type of drug | 43 | 120 |
| Other poisoning (e.g. heavy metals, detergent suicide) | 4 | 7 |
| Fire | | |
| Thermal and/or inhalational Injuries | 1 | 2 |
| Jump/Fall | | |
| Jumped/Fell from height | 5 | 18 |
| Traumatic Injury | | |
| Cut/Stabbed self | 4 | 22 |
| Gunshot wound | | |
| Handgun | 525 | 600 |
| Rifle | 28 | 33 |
| Shotgun | 69 | 73 |
| Unknown | 3 | 4 |
| Other traumatic injury | 0 | 1 |
| Vehicular | | |
| Car | 1 | 3 |
| Pickup truck | 0 | 1 |
| Tractor trailer | 0 | 2 |
| Train | 1 | 5 |
| Truck other | 1 | 1 |
| Unknown | 1 | 1 |
| TOTAL SUICIDE DEATHS | 736 | 1209 |

Figure 2.25 Number of Suicide Deaths by Age Group and Ethanol Level (N=439), 2020

Note: Of the 1,209 suicides, 63.7% (n=770) did not receive toxicology testing

Figure 2.26 Number of Suicide Deaths by Gender and Ethanol Level (N=439), 2020

Note: Of the 1,209 suicides, 63.7% (n=770) did not receive toxicology testing

Table 2.15 Number of Suicide Deaths by Method of Death and Ethanol Level (N=439), 2020

| Method of Death | No Ethanol | 0.01-0.07% BAC | >0.08% BAC | Total |
|---|------------|-------------------|---------------|------------|
| Asphyxia | | | | |
| Carbon monoxide (CO) poisoning-motor vehicle exhaust | 3 | 2 | 1 | 6 |
| Carbon monoxide (CO) poisoning-other | 4 | 0 | 2 | 6 |
| Choked on food or foreign object | 0 | 0 | 0 | 0 |
| Drowned | 1 | 0 | 3 | 4 |
| Hanged | 55 | 6 | 13 | 74 |
| Mechanical/Positional asphyxia | 1 | 0 | 0 | 1 |
| Oxygen depletion or replacement | 3 | 0 | 0 | 3 |
| Plastic bag asphyxia | 2 | 0 | 1 | 3 |
| Strangled/Neck compression | 2 | 0 | 0 | 2 |
| Suffocated/Smothered | 0 | 0 | 2 | 2 |
| Other asphyxia | 2 | 0 | 0 | 2 |
| Drug Use | | | | |
| Ingested ethylene glycol | 1 | 0 | 0 | 1 |
| Ingested and/or injected illicit, prescription, and/or other type of drug | 84 | 14 | 20 | 118 |
| Other poisoning (e.g. heavy metals, detergent suicide) | 5 | 1 | 0 | 6 |
| Fire | | | | |
| Thermal and/or inhalational Injuries | 2 | 0 | 0 | 2 |
| Jump/Fall | | | | |
| Jumped/Fell from height | 11 | 0 | 0 | 11 |
| Traumatic Injury | | | | |
| Cut/Stabbed self | 9 | 1 | 0 | 10 |
| Gunshot wound | | | | |
| Handgun | 88 | 12 | 48 | 148 |
| Rifle | 7 | 2 | 4 | 13 |
| Shotgun | 6 | 1 | 5 | 12 |
| Unknown | 1 | 0 | 1 | 2 |
| Other traumatic injury | 0 | 0 | 1 | 1 |
| Vehicular | | | | |
| Car | 1 | 1 | 0 | 2 |
| Pickup truck | 1 | 0 | 0 | 1 |
| Tractor trailer | 2 | 0 | 0 | 2 |
| Train | 4 | 0 | 1 | 5 |
| Truck other | 1 | 0 | 0 | 1 |
| Unknown | 1 | 0 | 0 | 1 |
| TOTAL SUICIDE DEATHS | 297 | 40 | 102 | 439 |

Note: Of the 1,209 suicides, 63.7% (n=770) did not receive toxicology testing

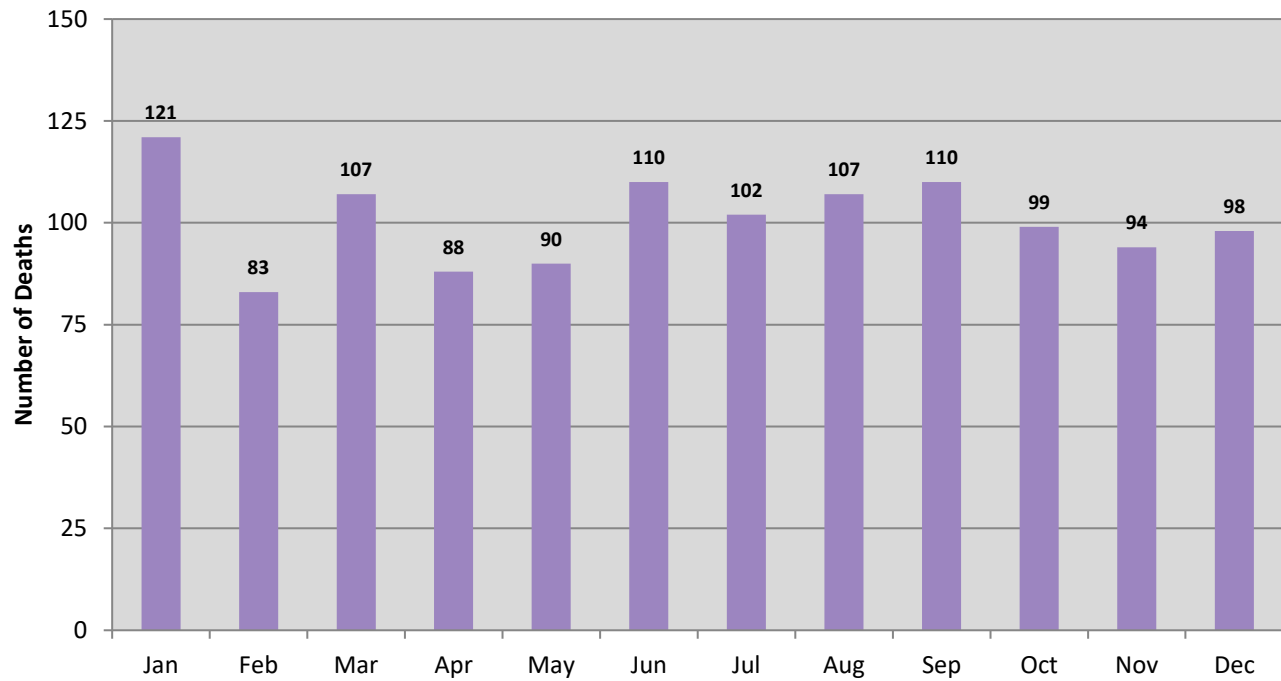
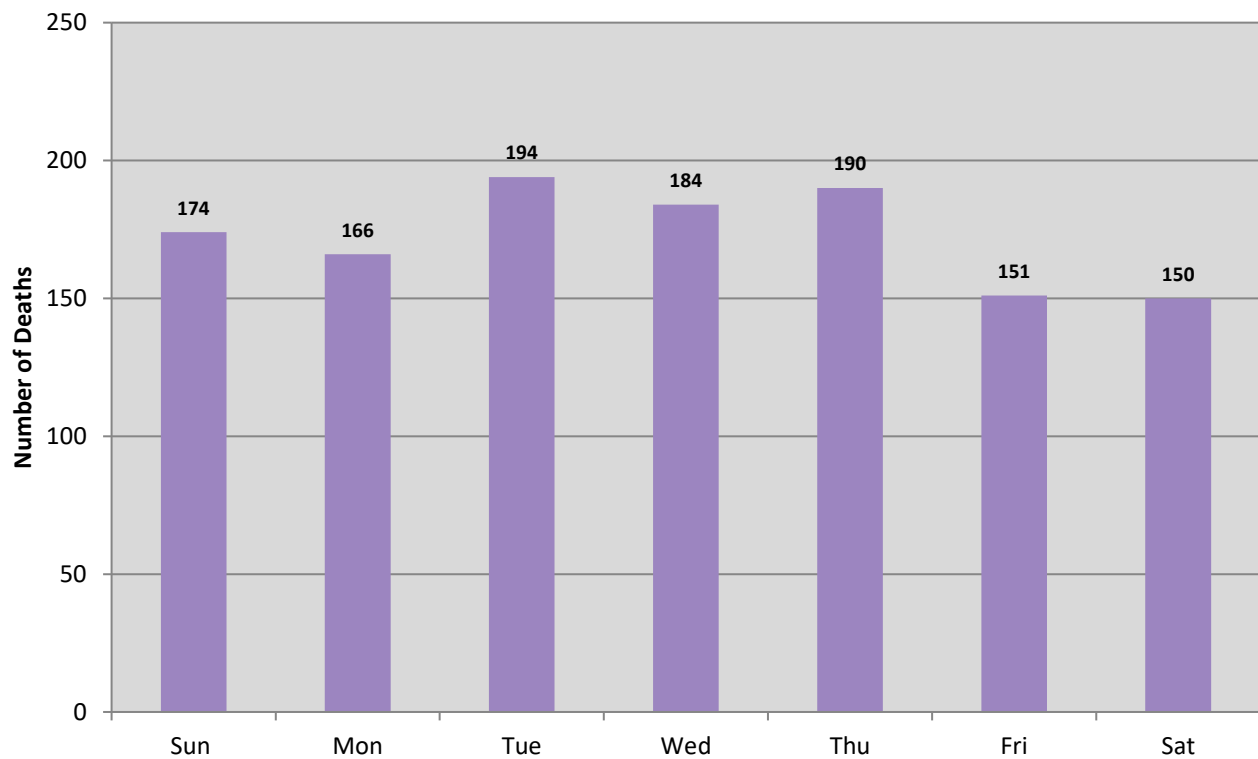
Figure 2.27 Number of Suicide Deaths by Month of Death, 2020**Figure 2.28 Number of Suicide Deaths by Day of the Week, 2020**

Table 2.16 Number and Rate of Suicide Deaths by Locality of Residence, 2020

| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Accomack County | 4 | 12.4 |
| Albemarle County | 20 | 18.1 |
| Alexandria City | 14 | 8.8 |
| Alleghany County | 3 | 20.4 |
| Amelia County | 2 | 15.4 |
| Amherst County | 8 | 25.3 |
| Appomattox County | 5 | 31.2 |
| Arlington County | 12 | 5.0 |
| Augusta County | 19 | 24.8 |
| Bath County | 1 | 24.3 |
| Bedford County | 15 | 18.8 |
| Bland County | 2 | 32.1 |
| Botetourt County | 8 | 23.8 |
| Bristol City | 3 | 17.3 |
| Brunswick County | 1 | 6.2 |
| Buchanan County | 5 | 24.3 |
| Buckingham County | 0 | 0.0 |
| Buena Vista City | 1 | 15.6 |
| Campbell County | 12 | 21.7 |
| Caroline County | 6 | 19.4 |
| Carroll County | 2 | 6.7 |
| Charles City County | 1 | 14.7 |
| Charlotte County | 3 | 25.4 |
| Charlottesville City | 1 | 2.1 |
| Chesapeake City | 27 | 10.9 |
| Chesterfield County | 59 | 16.5 |
| Clarke County | 3 | 20.5 |
| Colonial Heights City | 2 | 11.6 |
| Covington City | 2 | 35.5 |
| Craig County | 3 | 59.1 |
| Culpeper County | 4 | 7.5 |
| Cumberland County | 2 | 20.1 |
| Danville City | 5 | 12.5 |
| Dickenson County | 4 | 28.4 |
| Dinwiddie County | 8 | 27.9 |
| Emporia City | 1 | 19.0 |
| Essex County | 2 | 18.3 |
| Fairfax City | 4 | 17.1 |
| Fairfax County | 97 | 8.4 |
| Falls Church City | 2 | 13.7 |
| Fauquier County | 7 | 9.8 |
| Floyd County | 4 | 25.4 |
| Fluvanna County | 5 | 18.2 |

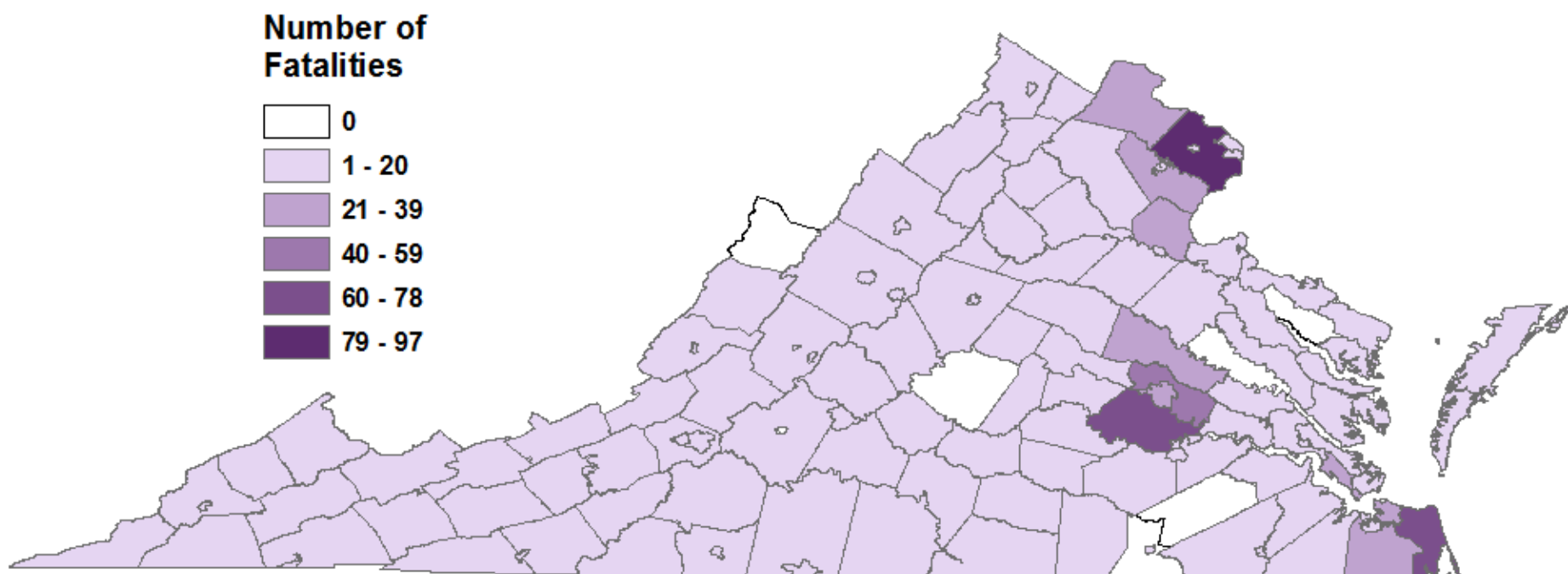
| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Franklin City | 1 | 12.8 |
| Franklin County | 17 | 30.3 |
| Frederick County | 8 | 8.8 |
| Fredericksburg City | 6 | 20.3 |
| Galax City | 5 | 79.4 |
| Giles County | 8 | 48.0 |
| Gloucester County | 3 | 8.0 |
| Goochland County | 9 | 36.8 |
| Grayson County | 2 | 12.9 |
| Greene County | 3 | 14.9 |
| Greensville County | 0 | 0.0 |
| Halifax County | 5 | 14.9 |
| Hampton City | 14 | 10.3 |
| Hanover County | 25 | 23.1 |
| Harrisonburg City | 4 | 7.5 |
| Henrico County | 47 | 14.1 |
| Henry County | 10 | 19.9 |
| Highland County | 0 | 0.0 |
| Hopewell City | 8 | 35.8 |
| Isle of Wight County | 5 | 13.3 |
| James City County | 7 | 9.0 |
| King and Queen County | 3 | 43.2 |
| King George County | 6 | 21.9 |
| King William County | 0 | 0.0 |
| Lancaster County | 3 | 28.3 |
| Lee County | 6 | 25.8 |
| Lexington City | 2 | 27.5 |
| Loudoun County | 32 | 7.6 |
| Louisa County | 5 | 13.1 |
| Lunenburg County | 3 | 24.5 |
| Lynchburg City | 9 | 11.0 |
| Madison County | 1 | 7.5 |
| Manassas | 2 | 4.9 |
| Manassas Park | 0 | 0.0 |
| Martinsville City | 2 | 16.2 |
| Mathews County | 1 | 11.4 |
| Mecklenburg County | 5 | 16.3 |
| Middlesex County | 5 | 47.3 |
| Montgomery County | 12 | 12.2 |
| Nelson County | 4 | 27.1 |
| New Kent County | 3 | 12.7 |
| Newport News City | 27 | 15.1 |
| Norfolk City | 31 | 12.8 |

| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Northampton County | 1 | 8.6 |
| Northumberland County | 1 | 8.3 |
| Norton City | 1 | 25.1 |
| Nottoway County | 3 | 19.8 |
| Orange County | 5 | 13.3 |
| Page County | 7 | 29.2 |
| Patrick County | 9 | 51.4 |
| Petersburg City | 6 | 19.7 |
| Pittsylvania County | 15 | 25.1 |
| Poquoson City | 1 | 8.2 |
| Portsmouth City | 17 | 17.9 |
| Powhatan County | 4 | 13.3 |
| Prince Edward County | 1 | 4.3 |
| Prince George County | 3 | 7.8 |
| Prince William County | 31 | 6.5 |
| Pulaski County | 6 | 17.7 |
| Radford City | 1 | 5.5 |
| Rappahannock County | 4 | 55.1 |
| Richmond City | 21 | 9.0 |
| Richmond County | 0 | 0.0 |
| Roanoke City | 20 | 20.2 |
| Roanoke County | 7 | 7.4 |
| Rockbridge County | 7 | 30.8 |
| Rockingham County | 13 | 15.8 |
| Russell County | 6 | 22.5 |
| Salem City | 6 | 23.7 |

| Locality of Residence | Deaths | Rate |
|--------------------------------|-------------|-------------|
| Scott County | 8 | 37.0 |
| Shenandoah County | 9 | 20.5 |
| Smyth County | 12 | 39.9 |
| Southampton County | 1 | 5.7 |
| Spotsylvania County | 15 | 10.8 |
| Stafford County | 24 | 15.3 |
| Staunton City | 3 | 11.9 |
| Suffolk City | 9 | 9.6 |
| Surry County | 1 | 15.7 |
| Sussex County | 0 | 0.0 |
| Tazewell County | 8 | 19.7 |
| Virginia Beach City | 73 | 16.2 |
| Warren County | 2 | 4.9 |
| Washington County | 7 | 13.0 |
| Waynesboro City | 8 | 35.2 |
| Westmoreland County | 2 | 11.0 |
| Williamsburg City | 3 | 19.7 |
| Winchester City | 3 | 10.8 |
| Wise County | 8 | 21.5 |
| Wythe County | 6 | 21.0 |
| York County | 11 | 15.9 |
| <i>Subtotal (in-state)</i> | 1147 | 13.4 |
| Out of State | 57 | ND |
| Unknown | 5 | ND |
| <i>Subtotal (out-of-state)</i> | 62 | ND |
| TOTAL | 1209 | 14.1 |

Note: No denominator is represented by ND

Map 2.5 Number of Suicides by Locality of Residence, 2020



Map 2.6 Suicide Rates by Locality of Residence, 2020

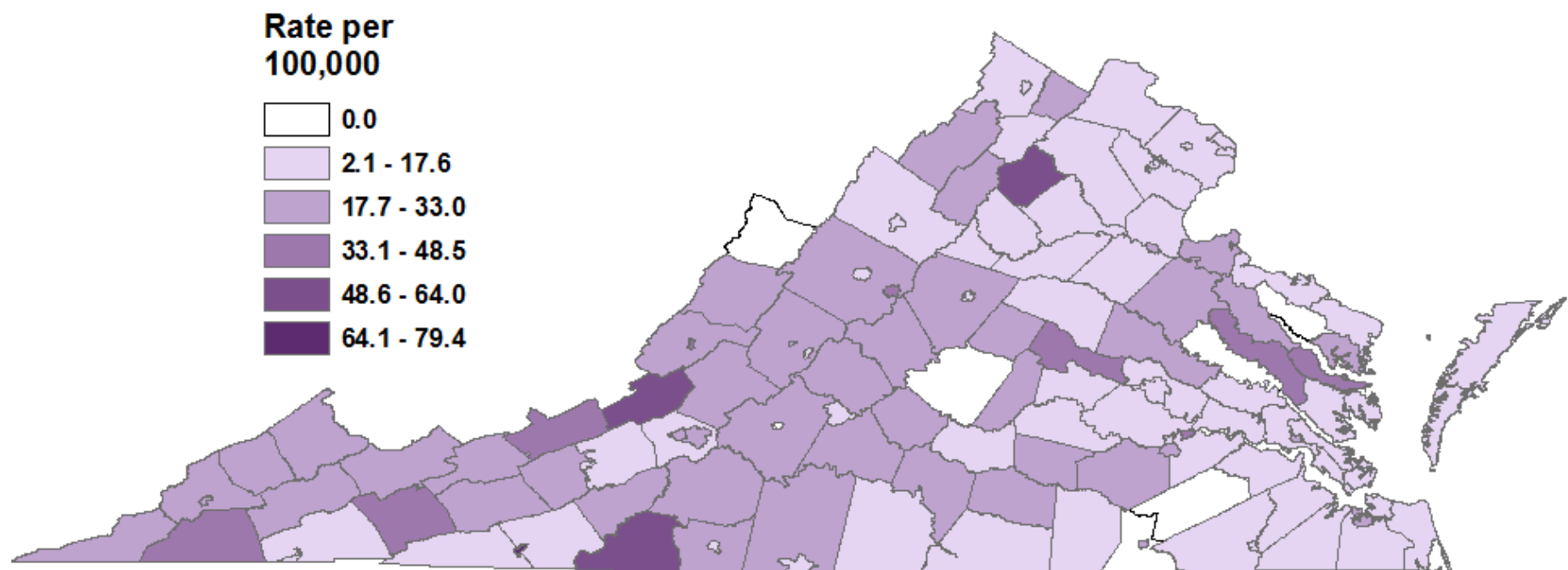


Table 2.17 Number of Suicide Deaths by Locality of Injury and Year of Death, 2006-2020

| Locality of Injury | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Accomack County | 4 | 2 | 1 | 4 | 6 | 6 | 1 | 4 | 4 | 9 | 4 | 5 | 4 | 8 | 5 | 67 |
| Albemarle County | 2 | 6 | 8 | 13 | 6 | 11 | 10 | 12 | 15 | 11 | 7 | 12 | 14 | 13 | 20 | 160 |
| Alexandria City | 12 | 11 | 13 | 14 | 14 | 14 | 10 | 16 | 15 | 10 | 16 | 18 | 10 | 9 | 16 | 198 |
| Alleghany County | 3 | 2 | 0 | 4 | 6 | 5 | 4 | 1 | 2 | 3 | 5 | 0 | 3 | 4 | 3 | 45 |
| Amelia County | 2 | 1 | 1 | 3 | 1 | 4 | 6 | 1 | 5 | 6 | 2 | 2 | 2 | 4 | 2 | 42 |
| Amherst County | 4 | 6 | 6 | 7 | 7 | 4 | 7 | 2 | 10 | 2 | 6 | 5 | 10 | 6 | 10 | 92 |
| Appomattox County | 2 | 0 | 0 | 3 | 3 | 2 | 2 | 1 | 2 | 8 | 2 | 1 | 3 | 3 | 4 | 36 |
| Arlington County | 14 | 12 | 28 | 10 | 21 | 16 | 16 | 18 | 18 | 11 | 18 | 21 | 10 | 18 | 13 | 244 |
| Augusta County | 12 | 11 | 13 | 16 | 11 | 14 | 16 | 20 | 20 | 15 | 15 | 17 | 16 | 16 | 19 | 231 |
| Bath County | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 0 | 0 | 4 | 1 | 1 | 16 |
| Bedford City | 1 | 1 | 1 | 2 | 2 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| Bedford County | 7 | 6 | 9 | 14 | 14 | 13 | 8 | 10 | 10 | 15 | 12 | 20 | 15 | 15 | 18 | 186 |
| Bland County | 2 | 1 | 0 | 3 | 1 | 1 | 1 | 1 | 3 | 2 | 2 | 1 | 1 | 2 | 2 | 23 |
| Botetourt County | 3 | 4 | 3 | 5 | 2 | 6 | 5 | 7 | 1 | 9 | 7 | 6 | 6 | 8 | 7 | 79 |
| Bristol City | 4 | 4 | 1 | 2 | 3 | 3 | 1 | 1 | 5 | 0 | 2 | 1 | 2 | 3 | 4 | 36 |
| Brunswick County | 2 | 2 | 1 | 1 | 3 | 1 | 1 | 2 | 2 | 2 | 3 | 4 | 4 | 1 | 2 | 31 |
| Buchanan County | 5 | 6 | 7 | 7 | 10 | 1 | 5 | 4 | 3 | 5 | 5 | 4 | 7 | 6 | 5 | 80 |
| Buckingham County | 3 | 3 | 5 | 1 | 3 | 2 | 2 | 4 | 2 | 2 | 3 | 2 | 3 | 6 | 2 | 43 |
| Buena Vista City | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 1 | 8 |
| Campbell County | 6 | 3 | 7 | 6 | 6 | 10 | 9 | 13 | 8 | 12 | 7 | 5 | 12 | 7 | 13 | 124 |
| Caroline County | 3 | 6 | 3 | 3 | 5 | 2 | 2 | 8 | 12 | 4 | 6 | 8 | 6 | 6 | 7 | 81 |
| Carroll County | 6 | 8 | 6 | 10 | 9 | 7 | 6 | 8 | 6 | 8 | 5 | 10 | 4 | 8 | 4 | 105 |
| Charles City County | 0 | 0 | 2 | 2 | 2 | 3 | 7 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 27 |
| Charlotte County | 3 | 2 | 1 | 3 | 2 | 3 | 1 | 3 | 1 | 3 | 1 | 3 | 4 | 1 | 2 | 33 |
| Charlottesville City | 11 | 7 | 5 | 4 | 3 | 1 | 7 | 5 | 6 | 5 | 4 | 5 | 9 | 5 | 5 | 82 |
| Chesapeake City | 19 | 20 | 18 | 25 | 25 | 24 | 26 | 26 | 31 | 36 | 29 | 27 | 31 | 39 | 27 | 403 |
| Chesterfield County | 29 | 25 | 32 | 32 | 34 | 40 | 39 | 46 | 49 | 31 | 51 | 48 | 48 | 57 | 52 | 613 |
| Clarke County | 2 | 1 | 3 | 3 | 3 | 5 | 0 | 1 | 3 | 8 | 2 | 8 | 4 | 2 | 3 | 48 |
| Colonial Heights City | 1 | 2 | 3 | 1 | 2 | 1 | 6 | 2 | 6 | 4 | 6 | 6 | 4 | 4 | 2 | 50 |
| Covington City | 2 | 2 | 1 | 0 | 0 | 2 | 2 | 2 | 1 | 2 | 1 | 3 | 2 | 1 | 2 | 23 |
| Craig County | 0 | 1 | 2 | 4 | 0 | 2 | 1 | 4 | 0 | 2 | 4 | 1 | 1 | 0 | 4 | 26 |

| Locality of Injury | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Culpeper County | 6 | 10 | 2 | 11 | 5 | 7 | 9 | 5 | 9 | 9 | 5 | 10 | 11 | 4 | 2 | 105 |
| Cumberland County | 0 | 1 | 2 | 2 | 0 | 3 | 1 | 3 | 1 | 0 | 1 | 0 | 3 | 1 | 2 | 20 |
| Danville City | 7 | 3 | 4 | 8 | 7 | 6 | 4 | 5 | 9 | 3 | 9 | 6 | 8 | 5 | 6 | 90 |
| Dickenson County | 2 | 5 | 5 | 8 | 7 | 5 | 7 | 7 | 7 | 4 | 6 | 4 | 5 | 4 | 4 | 80 |
| Dinwiddie County | 3 | 3 | 1 | 1 | 7 | 3 | 2 | 1 | 3 | 7 | 4 | 5 | 3 | 4 | 8 | 55 |
| Emporia City | 3 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 10 |
| Essex County | 0 | 1 | 3 | 2 | 3 | 2 | 3 | 2 | 5 | 0 | 1 | 0 | 1 | 3 | 2 | 28 |
| Fairfax City | 2 | 2 | 1 | 6 | 4 | 2 | 2 | 4 | 3 | 7 | 1 | 5 | 2 | 6 | 1 | 48 |
| Fairfax County | 85 | 87 | 88 | 104 | 87 | 90 | 98 | 109 | 107 | 85 | 93 | 90 | 103 | 99 | 98 | 1423 |
| Falls Church City | 0 | 1 | 3 | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 1 | 2 | 3 | 0 | 2 | 16 |
| Fauquier County | 7 | 4 | 8 | 9 | 14 | 14 | 13 | 16 | 9 | 10 | 9 | 16 | 6 | 9 | 13 | 157 |
| Floyd County | 2 | 2 | 1 | 3 | 4 | 4 | 5 | 5 | 6 | 3 | 0 | 1 | 8 | 2 | 4 | 50 |
| Fluvanna County | 2 | 3 | 4 | 2 | 2 | 3 | 5 | 6 | 2 | 1 | 1 | 5 | 3 | 5 | 4 | 48 |
| Franklin City | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 2 | 0 | 0 | 2 | 0 | 0 | 1 | 8 |
| Franklin County | 5 | 8 | 6 | 7 | 3 | 10 | 11 | 12 | 6 | 10 | 8 | 9 | 5 | 7 | 15 | 122 |
| Frederick County | 9 | 7 | 7 | 8 | 8 | 14 | 19 | 12 | 20 | 14 | 13 | 17 | 12 | 19 | 12 | 191 |
| Fredericksburg City | 6 | 4 | 5 | 2 | 4 | 5 | 3 | 2 | 3 | 9 | 1 | 3 | 5 | 4 | 8 | 64 |
| Galax City | 1 | 1 | 2 | 1 | 3 | 3 | 1 | 0 | 1 | 2 | 0 | 2 | 1 | 2 | 4 | 24 |
| Giles County | 2 | 3 | 3 | 5 | 3 | 4 | 2 | 3 | 2 | 1 | 4 | 3 | 4 | 2 | 6 | 47 |
| Gloucester County | 7 | 6 | 9 | 4 | 8 | 12 | 9 | 4 | 4 | 14 | 10 | 6 | 8 | 6 | 3 | 110 |
| Goochland County | 2 | 5 | 2 | 4 | 2 | 0 | 1 | 6 | 4 | 7 | 8 | 4 | 3 | 4 | 9 | 61 |
| Grayson County | 3 | 2 | 5 | 2 | 2 | 8 | 5 | 2 | 4 | 1 | 4 | 2 | 5 | 1 | 1 | 47 |
| Greene County | 4 | 2 | 2 | 3 | 4 | 3 | 1 | 1 | 2 | 1 | 4 | 4 | 4 | 3 | 3 | 41 |
| Greensville County | 2 | 0 | 0 | 2 | 2 | 4 | 1 | 4 | 1 | 0 | 0 | 4 | 5 | 2 | 0 | 27 |
| Halifax County | 8 | 4 | 4 | 5 | 5 | 4 | 6 | 3 | 6 | 7 | 7 | 4 | 5 | 4 | 5 | 77 |
| Hampton City | 13 | 16 | 18 | 16 | 9 | 7 | 13 | 17 | 18 | 15 | 19 | 13 | 11 | 18 | 16 | 219 |
| Hanover County | 12 | 15 | 17 | 11 | 6 | 15 | 23 | 21 | 16 | 13 | 14 | 13 | 18 | 23 | 22 | 239 |
| Harrisonburg City | 2 | 4 | 4 | 6 | 6 | 2 | 1 | 4 | 6 | 5 | 8 | 6 | 6 | 4 | 5 | 69 |
| Henrico County | 37 | 25 | 25 | 39 | 30 | 42 | 31 | 41 | 36 | 36 | 31 | 45 | 32 | 38 | 48 | 536 |
| Henry County | 11 | 12 | 19 | 13 | 16 | 10 | 9 | 9 | 10 | 10 | 10 | 8 | 11 | 10 | 12 | 170 |
| Highland County | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 0 | 0 | 0 | 1 | 11 |

| Locality of Injury | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total |
|-----------------------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Hopewell City | 1 | 2 | 2 | 3 | 3 | 2 | 3 | 4 | 5 | 4 | 5 | 4 | 5 | 9 | 7 | 59 |
| Isle of Wight County | 5 | 1 | 0 | 3 | 2 | 4 | 6 | 4 | 5 | 7 | 7 | 7 | 8 | 8 | 5 | 72 |
| James City County | 5 | 4 | 9 | 7 | 9 | 6 | 10 | 4 | 12 | 11 | 9 | 7 | 11 | 11 | 8 | 123 |
| King and Queen County | 2 | 4 | 2 | 1 | 1 | 1 | 3 | 0 | 1 | 1 | 2 | 1 | 3 | 2 | 2 | 26 |
| King George County | 3 | 2 | 2 | 3 | 6 | 3 | 4 | 8 | 5 | 3 | 6 | 3 | 8 | 2 | 5 | 63 |
| King William County | 1 | 1 | 1 | 4 | 0 | 2 | 7 | 2 | 3 | 5 | 5 | 3 | 1 | 5 | 1 | 41 |
| Lancaster County | 0 | 3 | 4 | 1 | 2 | 2 | 4 | 2 | 2 | 4 | 4 | 3 | 1 | 4 | 3 | 39 |
| Lee County | 5 | 4 | 7 | 5 | 2 | 5 | 9 | 4 | 5 | 7 | 3 | 7 | 6 | 6 | 6 | 81 |
| Lexington City | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 4 | 1 | 1 | 0 | 1 | 13 |
| Loudoun County | 20 | 23 | 13 | 24 | 20 | 35 | 35 | 34 | 34 | 36 | 45 | 41 | 36 | 35 | 30 | 461 |
| Louisa County | 5 | 8 | 2 | 5 | 9 | 7 | 3 | 3 | 2 | 5 | 7 | 4 | 8 | 12 | 6 | 86 |
| Lunenburg County | 6 | 1 | 1 | 3 | 1 | 2 | 3 | 2 | 2 | 3 | 4 | 4 | 0 | 1 | 3 | 36 |
| Lynchburg City | 8 | 6 | 13 | 5 | 9 | 10 | 6 | 4 | 7 | 10 | 7 | 14 | 16 | 6 | 9 | 130 |
| Madison County | 2 | 4 | 3 | 1 | 3 | 1 | 4 | 1 | 4 | 6 | 4 | 0 | 5 | 6 | 1 | 45 |
| Manassas | 2 | 3 | 8 | 3 | 1 | 4 | 5 | 2 | 6 | 4 | 4 | 4 | 2 | 2 | 2 | 52 |
| Manassas Park | Unknown | 1 | 1 | 0 | 1 | 1 | 0 | 4 | 4 | 1 | 1 | 0 | 0 | 2 | 0 | 16 |
| Martinsville City | 0 | 4 | 0 | 1 | 1 | 4 | 1 | 3 | 2 | 2 | 0 | 3 | 2 | 3 | 1 | 27 |
| Mathews County | 1 | 0 | 2 | 0 | 1 | 2 | 1 | 1 | 3 | 2 | 3 | 3 | 2 | 0 | 1 | 22 |
| Mecklenburg County | 4 | 6 | 7 | 5 | 8 | 4 | 4 | 4 | 3 | 6 | 7 | 7 | 7 | 6 | 5 | 83 |
| Middlesex County | 0 | 1 | 1 | 5 | 1 | 3 | 3 | 4 | 0 | 3 | 1 | 5 | 2 | 2 | 6 | 37 |
| Montgomery County | 11 | 22 | 8 | 5 | 9 | 14 | 8 | 7 | 11 | 10 | 17 | 15 | 14 | 17 | 15 | 183 |
| Nelson County | 2 | 1 | 3 | 4 | 4 | 3 | 3 | 4 | 3 | 2 | 2 | 4 | 1 | 5 | 5 | 46 |
| New Kent County | 3 | 2 | 2 | 3 | 1 | 6 | 5 | 3 | 5 | 4 | 5 | 3 | 4 | 2 | 2 | 50 |
| Newport News City | 11 | 15 | 18 | 14 | 20 | 23 | 29 | 19 | 25 | 22 | 30 | 23 | 25 | 24 | 31 | 329 |
| Norfolk City | 27 | 33 | 29 | 22 | 29 | 28 | 29 | 30 | 34 | 23 | 26 | 35 | 35 | 39 | 40 | 459 |
| Northampton County | 0 | 4 | 1 | 0 | 1 | 5 | 0 | 2 | 3 | 3 | 2 | 3 | 1 | 4 | 1 | 30 |
| Northumberland County | 1 | 3 | 2 | 0 | 4 | 3 | 0 | 0 | 1 | 2 | 2 | 2 | 1 | 4 | 2 | 27 |
| Norton City | 0 | 0 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 10 |
| Nottoway County | 1 | 0 | 4 | 4 | 3 | 3 | 2 | 1 | 5 | 4 | 1 | 3 | 3 | 2 | 3 | 39 |
| Orange County | 6 | 4 | 5 | 2 | 4 | 5 | 12 | 6 | 9 | 10 | 6 | 7 | 4 | 4 | 6 | 90 |
| Page County | 6 | 5 | 7 | 3 | 4 | 8 | 4 | 5 | 11 | 5 | 6 | 4 | 4 | 3 | 7 | 82 |

| Locality of Injury | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Patrick County | 3 | 4 | 4 | 4 | 7 | 4 | 5 | 9 | 5 | 6 | 5 | 3 | 4 | 6 | 8 | 77 |
| Petersburg City | 1 | 4 | 7 | 3 | 4 | 3 | 4 | 2 | 6 | 5 | 8 | 4 | 1 | 5 | 7 | 64 |
| Pittsylvania County | 13 | 9 | 6 | 13 | 9 | 9 | 12 | 16 | 5 | 10 | 14 | 14 | 20 | 13 | 14 | 177 |
| Poquoson City | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 2 | 2 | 2 | 3 | 1 | 16 |
| Portsmouth City | 8 | 14 | 10 | 11 | 16 | 8 | 20 | 9 | 13 | 16 | 16 | 14 | 16 | 15 | 18 | 204 |
| Powhatan County | 5 | 1 | 4 | 2 | 8 | 6 | 5 | 4 | 6 | 6 | 4 | 5 | 2 | 3 | 5 | 66 |
| Prince Edward County | 3 | 3 | 1 | 5 | 3 | 3 | 4 | 3 | 4 | 4 | 2 | 4 | 5 | 3 | 2 | 49 |
| Prince George County | 6 | 7 | 7 | 7 | 5 | 4 | 2 | 5 | 8 | 6 | 7 | 8 | 7 | 7 | 5 | 91 |
| Prince William County | 32 | 28 | 35 | 41 | 41 | 28 | 33 | 37 | 38 | 30 | 47 | 39 | 50 | 33 | 33 | 545 |
| Pulaski County | 11 | 10 | 2 | 6 | 9 | 9 | 6 | 7 | 1 | 8 | 12 | 9 | 7 | 5 | 7 | 109 |
| Radford City | 1 | 0 | 2 | 0 | 2 | 1 | 1 | 5 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 22 |
| Rappahannock County | 0 | 4 | 3 | 1 | 3 | 2 | 5 | 0 | 2 | 2 | 1 | 1 | 1 | 4 | 3 | 32 |
| Richmond City | 32 | 25 | 22 | 35 | 21 | 32 | 25 | 27 | 23 | 25 | 30 | 30 | 31 | 31 | 33 | 422 |
| Richmond County | 1 | 1 | 4 | 0 | 2 | 1 | 1 | 1 | 0 | 1 | 4 | 0 | 2 | 2 | 0 | 20 |
| Roanoke City | 10 | 15 | 19 | 13 | 18 | 19 | 25 | 16 | 21 | 16 | 17 | 22 | 28 | 17 | 18 | 274 |
| Roanoke County | 11 | 7 | 19 | 9 | 20 | 14 | 13 | 12 | 17 | 14 | 16 | 12 | 24 | 9 | 10 | 207 |
| Rockbridge County | 5 | 4 | 6 | 5 | 5 | 6 | 3 | 3 | 7 | 4 | 4 | 6 | 5 | 4 | 13 | 80 |
| Rockingham County | 9 | 10 | 9 | 4 | 12 | 10 | 9 | 10 | 10 | 21 | 14 | 14 | 11 | 15 | 14 | 172 |
| Russell County | 5 | 4 | 10 | 7 | 5 | 6 | 6 | 6 | 4 | 4 | 7 | 4 | 1 | 7 | 7 | 83 |
| Salem City | 4 | 7 | 5 | 0 | 2 | 6 | 6 | 6 | 9 | 7 | 7 | 6 | 3 | 3 | 6 | 77 |
| Scott County | 3 | 12 | 5 | 4 | 5 | 6 | 5 | 4 | 2 | 4 | 7 | 7 | 6 | 8 | 9 | 87 |
| Shenandoah County | 7 | 5 | 8 | 8 | 5 | 9 | 7 | 7 | 8 | 10 | 15 | 10 | 6 | 10 | 10 | 125 |
| Smyth County | 3 | 11 | 5 | 3 | 3 | 6 | 7 | 10 | 6 | 5 | 4 | 6 | 7 | 3 | 11 | 90 |
| Southampton County | 4 | 1 | 4 | 3 | 4 | 2 | 2 | 2 | 1 | 2 | 2 | 3 | 3 | 4 | 3 | 40 |
| Spotsylvania County | 13 | 18 | 17 | 10 | 22 | 11 | 13 | 15 | 14 | 14 | 26 | 11 | 17 | 19 | 13 | 233 |
| Stafford County | 6 | 14 | 15 | 15 | 5 | 9 | 13 | 19 | 11 | 20 | 18 | 15 | 27 | 13 | 26 | 226 |
| Staunton City | 4 | 7 | 1 | 6 | 4 | 4 | 1 | 3 | 3 | 2 | 3 | 4 | 3 | 4 | 3 | 52 |
| Suffolk City | 11 | 1 | 10 | 6 | 5 | 14 | 12 | 12 | 14 | 11 | 6 | 10 | 12 | 8 | 7 | 139 |
| Surry County | 0 | 1 | 0 | 4 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 14 |
| Sussex County | 1 | 2 | 1 | 4 | 4 | 1 | 1 | 4 | 0 | 2 | 3 | 2 | 3 | 3 | 0 | 31 |
| Tazewell County | 11 | 4 | 4 | 12 | 6 | 6 | 8 | 5 | 5 | 14 | 7 | 8 | 8 | 7 | 9 | 114 |

| Locality of Injury | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | Total |
|--------------------------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Virginia Beach City | 61 | 49 | 45 | 59 | 63 | 65 | 51 | 49 | 71 | 46 | 61 | 53 | 70 | 55 | 67 | 865 |
| Warren County | 3 | 12 | 8 | 6 | 5 | 7 | 8 | 7 | 8 | 6 | 10 | 6 | 8 | 12 | 2 | 108 |
| Washington County | 6 | 10 | 11 | 13 | 10 | 10 | 11 | 9 | 8 | 12 | 14 | 19 | 8 | 10 | 8 | 159 |
| Waynesboro City | 6 | 3 | 3 | 4 | 2 | 3 | 2 | 4 | 0 | 6 | 3 | 2 | 9 | 6 | 7 | 60 |
| Westmoreland County | 4 | 2 | 4 | 2 | 2 | 5 | 5 | 3 | 4 | 1 | 4 | 3 | 3 | 3 | 2 | 47 |
| Williamsburg City | 10 | 2 | 1 | 1 | 8 | 6 | 1 | 0 | 6 | 4 | 2 | 4 | 4 | 3 | 3 | 55 |
| Winchester City | 6 | 1 | 7 | 2 | 6 | 5 | 3 | 3 | 9 | 7 | 4 | 4 | 8 | 3 | 4 | 72 |
| Wise County | 9 | 13 | 8 | 4 | 5 | 9 | 3 | 3 | 8 | 7 | 5 | 15 | 8 | 5 | 8 | 110 |
| Wythe County | 4 | 4 | 8 | 5 | 2 | 7 | 4 | 3 | 5 | 9 | 7 | 8 | 10 | 7 | 6 | 89 |
| York County | 3 | 8 | 11 | 6 | 11 | 15 | 8 | 7 | 8 | 6 | 4 | 8 | 8 | 9 | 11 | 123 |
| Subtotal (in-state) | 882 | 897 | 945 | 968 | 989 | 1055 | 1049 | 1055 | 1133 | 1086 | 1151 | 1154 | 1202 | 1149 | 1204 | 15919 |
| Out of State | 2 | 6 | 3 | 4 | 4 | 9 | 3 | 5 | 9 | 8 | 4 | 1 | 2 | 4 | 4 | 68 |
| Unknown | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 3 | 2 | 2 | 1 | 7 | 6 | 1 | 26 |
| Subtotal (out-of-state) | 2 | 6 | 4 | 5 | 5 | 9 | 3 | 6 | 12 | 10 | 6 | 2 | 9 | 10 | 5 | 94 |
| TOTAL | 884 | 903 | 949 | 973 | 994 | 1064 | 1052 | 1061 | 1145 | 1096 | 1157 | 1156 | 1211 | 1159 | 1209 | 16013 |

Note: Bedford City was incorporated into Bedford County in 2014 and therefore, numbers are combined from there forward

UNDETERMINED DEATHS (N=187)

Undetermined deaths are those in which after examination, two or more manners cannot be eliminated and therefore the death must be ruled undetermined. In 2020, the number of undetermined deaths increased 14.7% compared to 2019. Generally, undetermined deaths have increased since 2006 mainly due to the transition in diagnostic criteria of sudden infant death syndrome (SIDS) to sudden unexpected infant death (SUID), where SIDS deaths are classified as natural deaths and SUID deaths are classified as undetermined deaths.

- Nearly 33% of the cases assigned an undetermined manner had a determined cause of death
- Nearly 45% of deaths with an undetermined manner were among infants less than 1 year of age

Figure 2.29 Number and Rate of Undetermined Deaths by Year of Death, 1999-2020

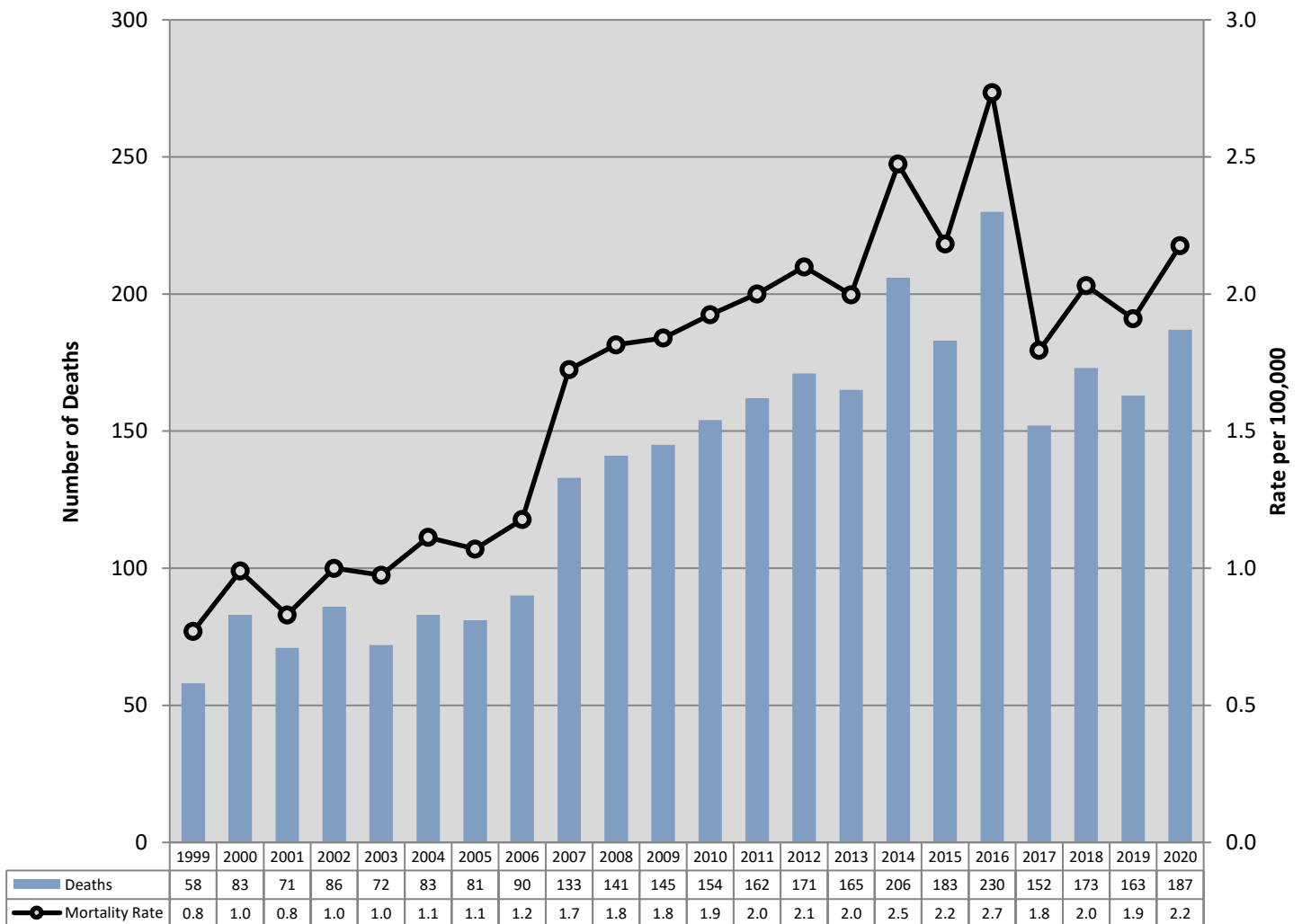
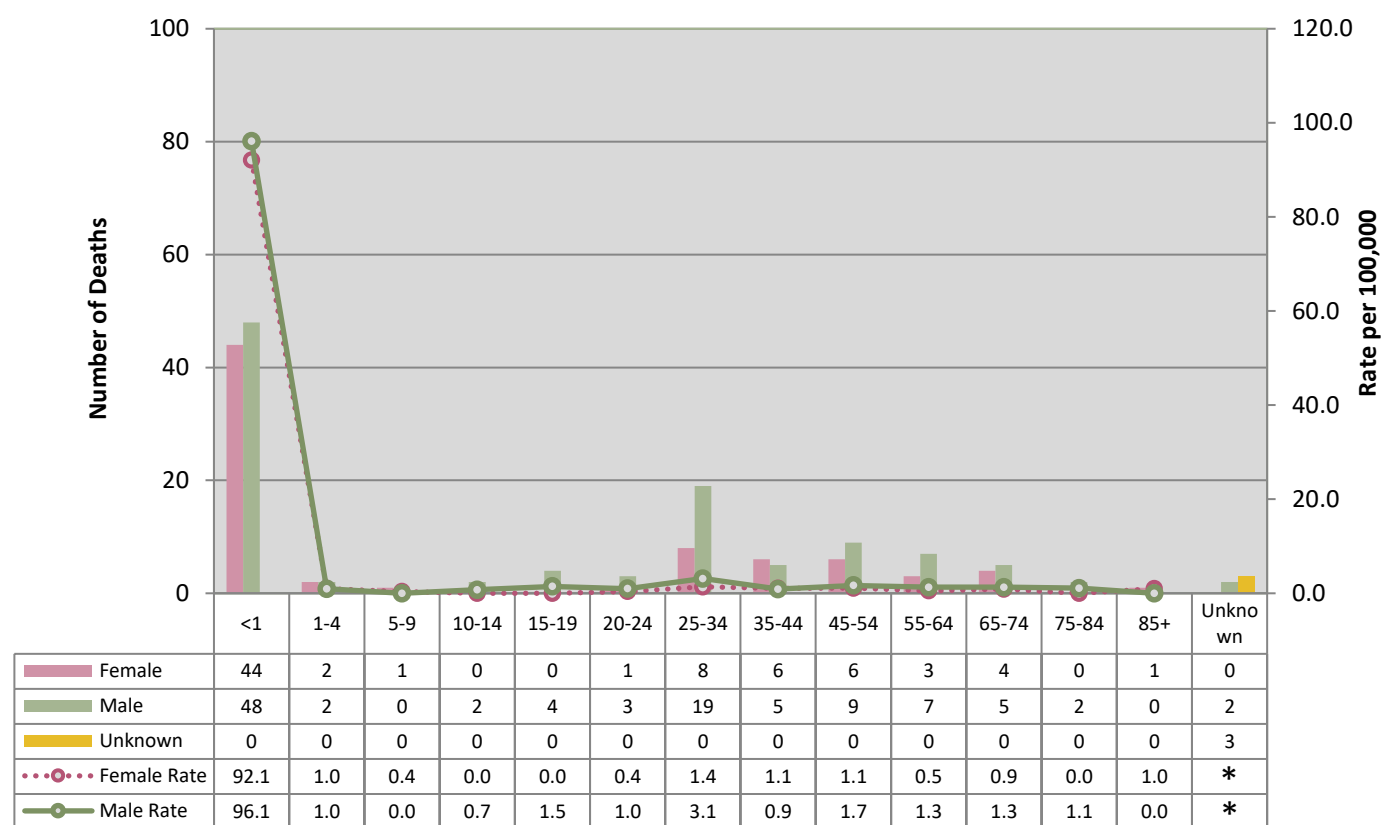


Figure 2.30 Number and Rate of Undetermined Deaths by Age Group and Gender, 2020

*No rate can be calculated

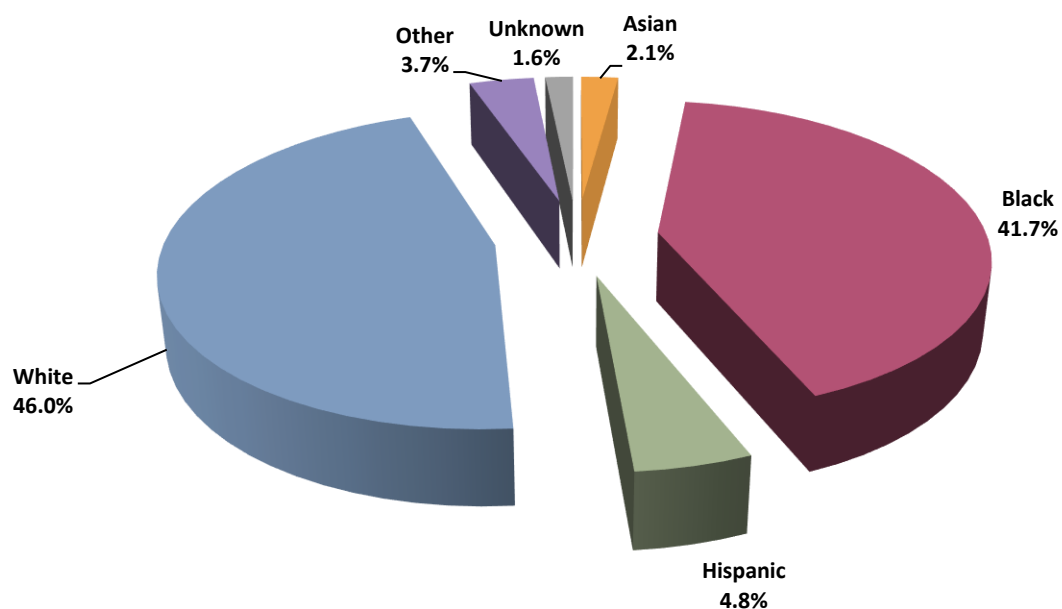
Figure 2.31 Percentage of Undetermined Deaths by Race/Ethnicity, 2020

Table 2.18 Number of Undetermined Deaths by Cause of Death, 2020

| Undetermined Manner of Death with Cause of Death Determined | Autopsied | Total Cases |
|---|------------|-------------|
| Asphyxia | | |
| Drowned | 4 | 4 |
| Mechanical/Positional asphyxia | 1 | 1 |
| Plastic bag asphyxia | 1 | 1 |
| Suffocated/Smothered | 1 | 1 |
| Drug Use | | |
| Ingested and/or injected illicit, prescription, and/or OTC medication | 12 | 12 |
| Environmental Exposure | | |
| Hyperthermia (heat) | 1 | 1 |
| Fire | | |
| Thermal and/or inhalational injuries | 2 | 2 |
| Jump/Fall | | |
| Jumped/Fell from height | 1 | 1 |
| Motor Vehicle | | |
| Car | 1 | 1 |
| Pickup truck | 1 | 1 |
| Unknown | 2 | 2 |
| Traumatic Injury | | |
| Gunshot wound | | |
| Handgun | 12 | 12 |
| Multiple | 1 | 1 |
| Shotgun | 1 | 1 |
| Unknown | 1 | 1 |
| Sharp force injury | 5 | 5 |
| Other/Unknown traumatic causes | 14 | 14 |
| Subtotal (Undetermined Manner with Determined Cause of Death) | 61 | 61 |
| Undetermined Manner of Death and Undetermined Cause of Death | | |
| Skeletal/Mummified remains | 22 | 22 |
| Sudden Unexpected Infant Death (SUID) | 84 | 84 |
| Undetermined after autopsy and/or toxicology | 17 | 20 |
| Subtotal (Undetermined Manner and Undetermined Cause of Death) | 123 | 126 |
| TOTAL UNDETERMINED DEATHS | 184 | 187 |

SECTION 3: DEATHS OF CHILDREN (N=344)

Child deaths are deaths of persons aged 17 years and younger.

The OCME investigated 344 deaths of children, representing 4.0% of all OCME deaths in 2020.

- Males represented 64.0% of all child cases
- Undetermined deaths of infants <1 year of age certified as sudden unexpected infant death (SUID) represented 24.4% of all child deaths in 2020

Figure 3.1 Number of Child Deaths by Manner, 2020

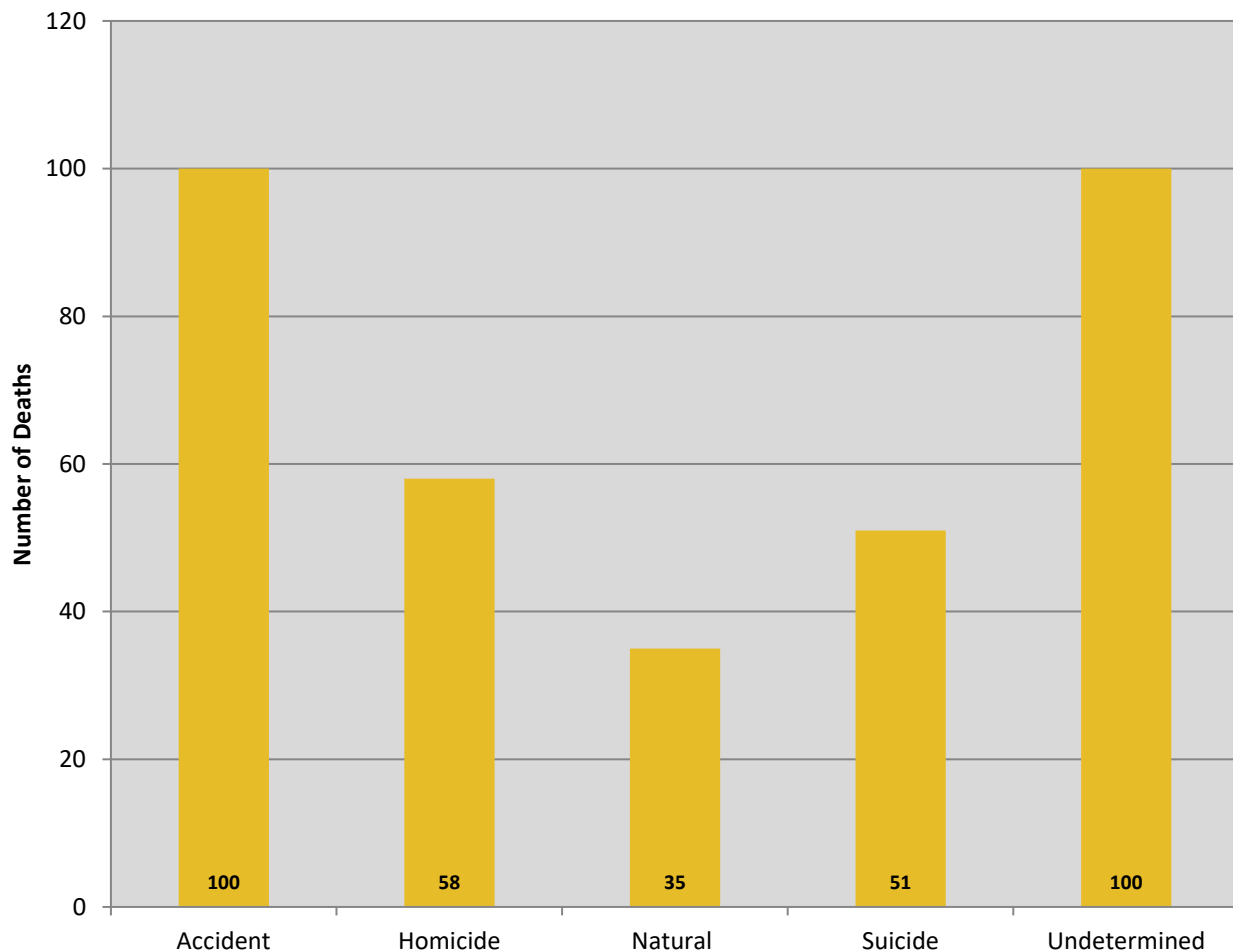


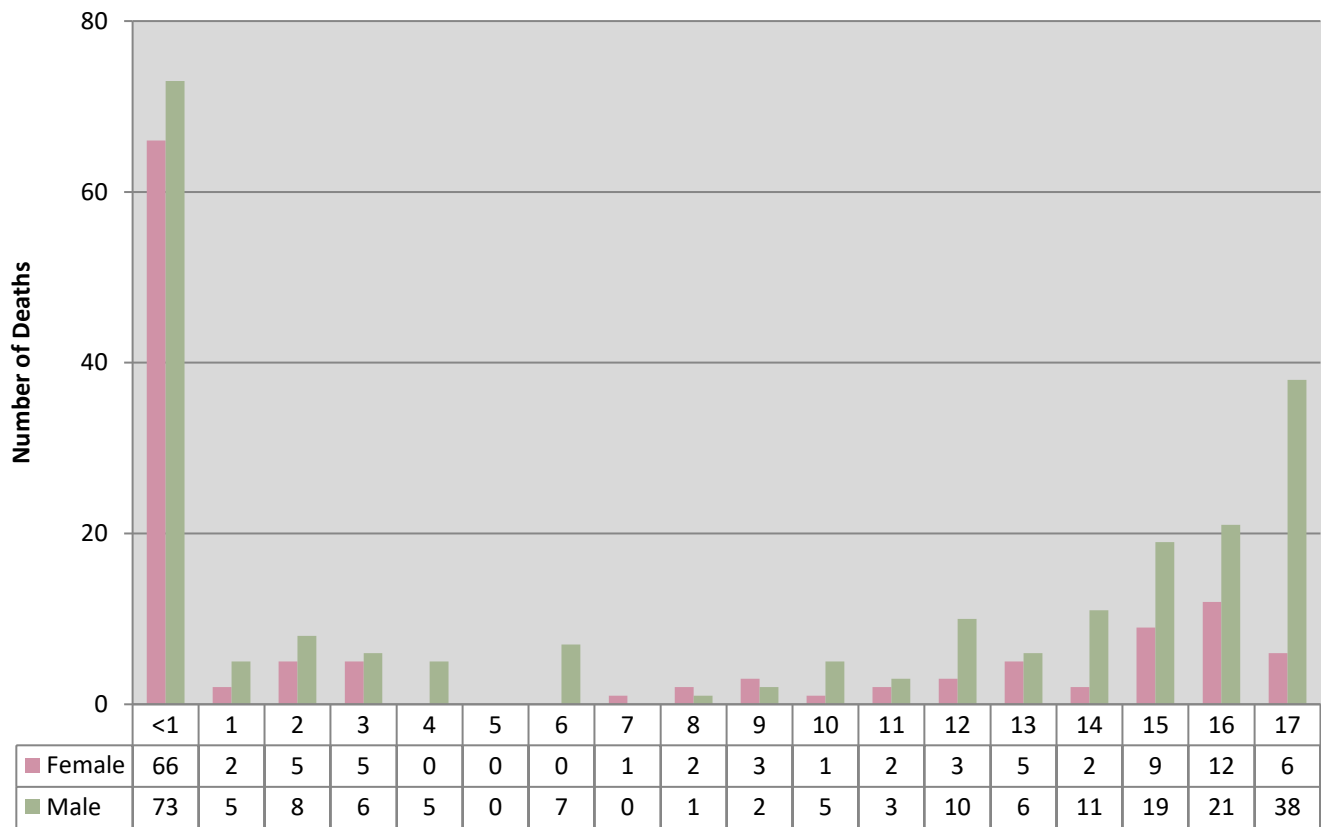
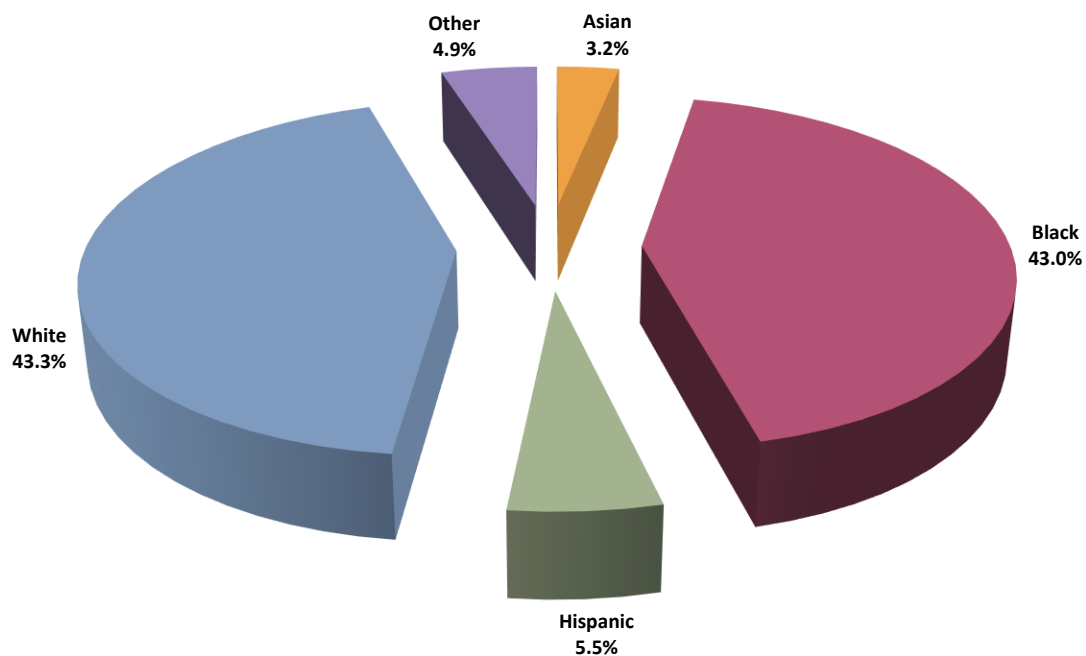
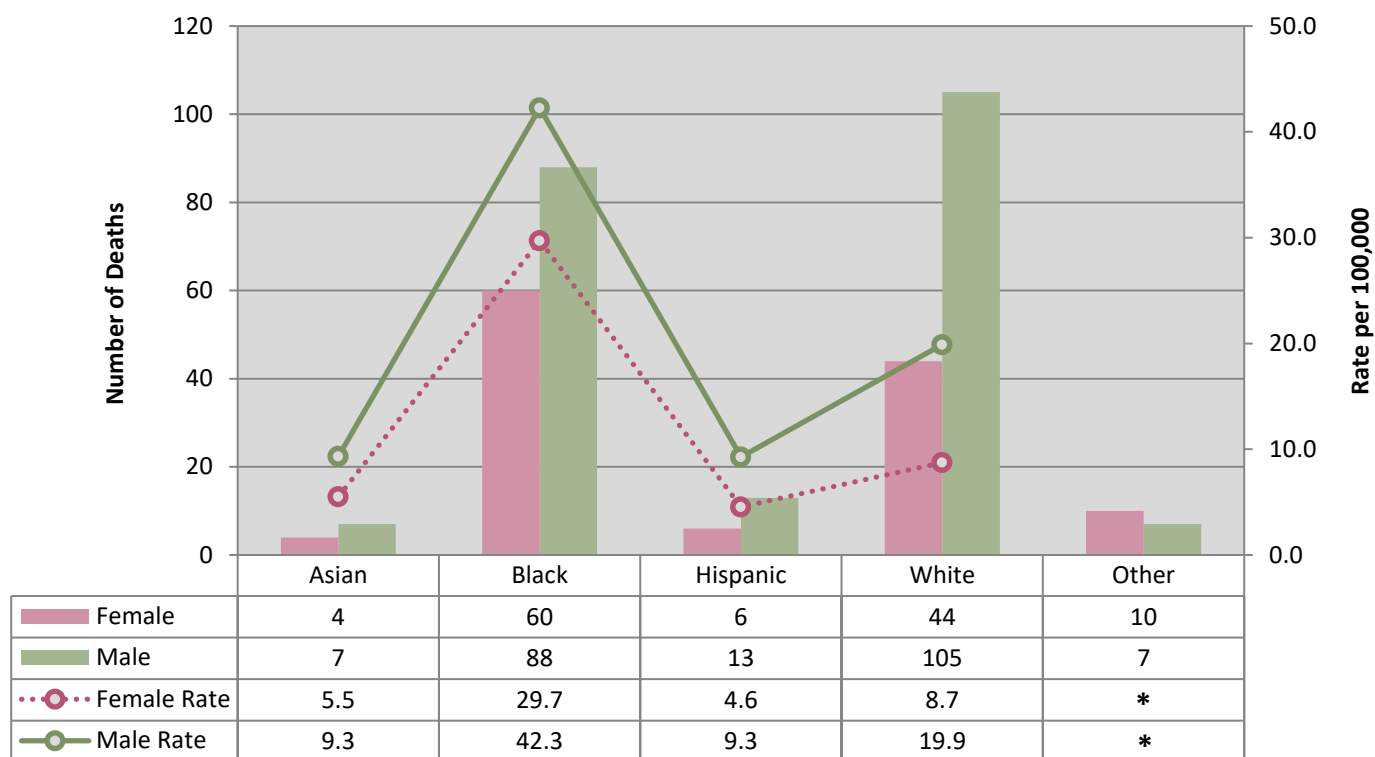
Figure 3.2 Number of Child Deaths by Age and Gender, 2020**Figure 3.3 Percentage of Child Deaths by Race/Ethnicity, 2020**

Figure 3.4 Number and Rate of Child Deaths by Gender and Race/Ethnicity, 2020

*No rate can be calculated

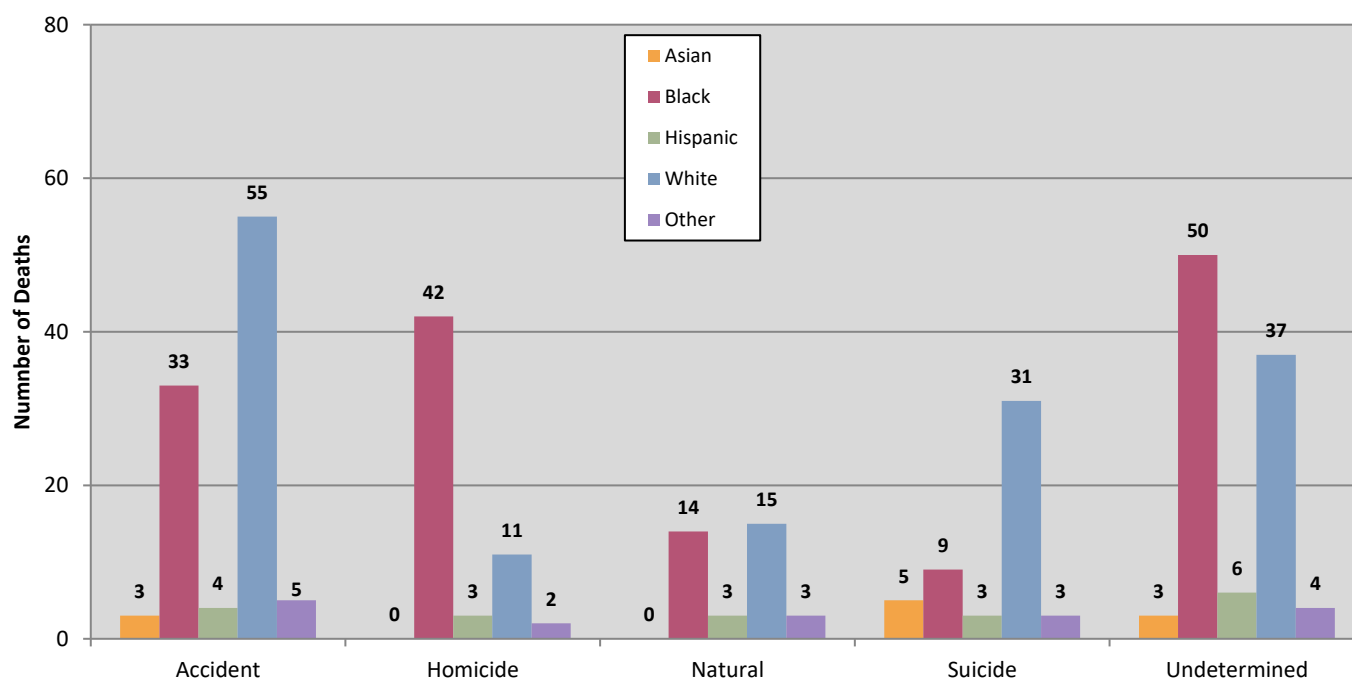
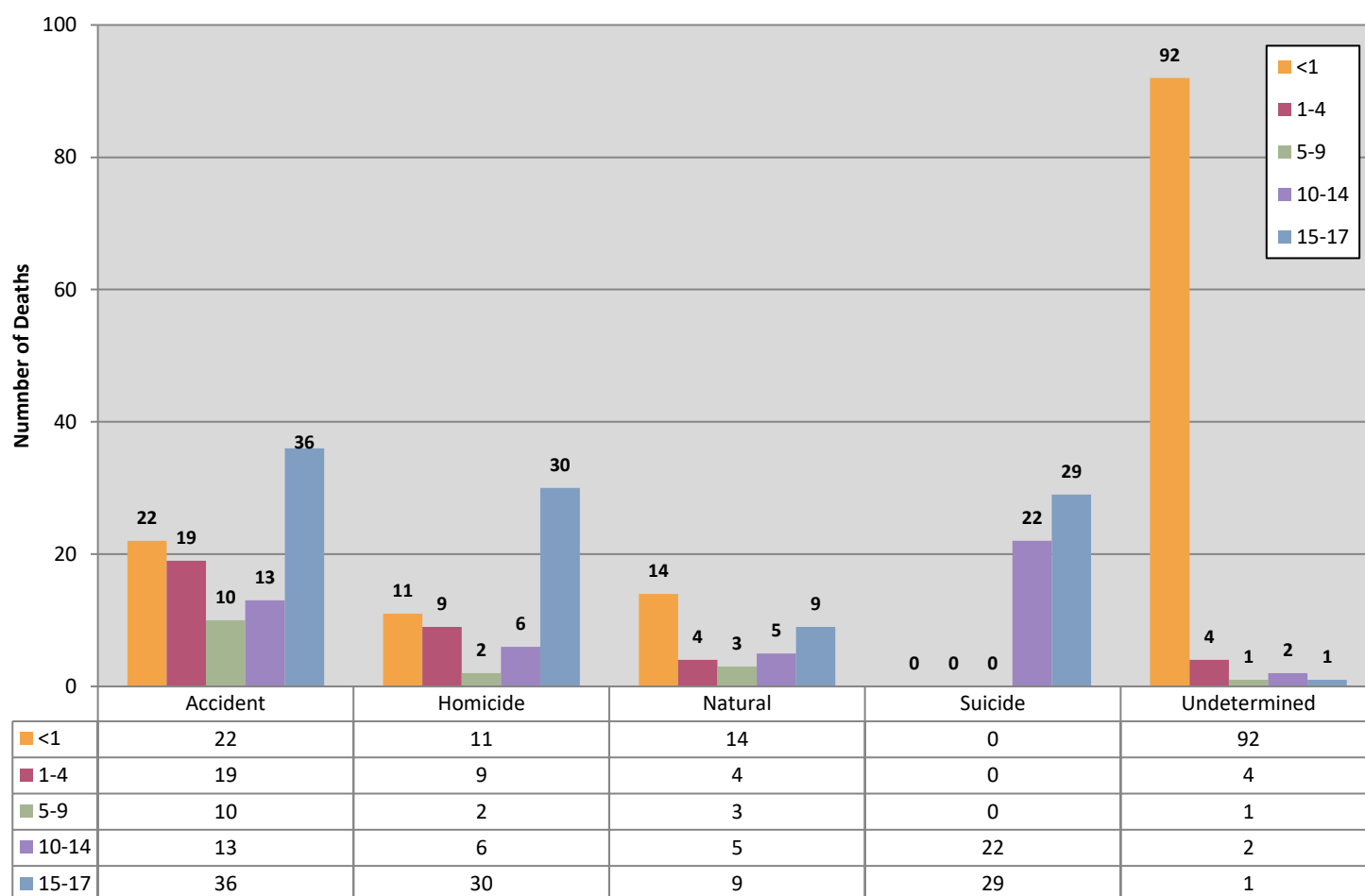
Figure 3.5 Number of Child Deaths by Manner and Race/Ethnicity, 2020

Figure 3.6 Number of Child Deaths by Manner and Age Group, 2020

ACCIDENTAL CHILD DEATHS (N=100)

The number of accidental child deaths increased by 17.6% in 2020 compared to 2019.

- The largest number of accidental deaths occurred among males (67.0%), Whites (55.0%), and children aged 15-17 years of age (36.0%)
- Black males, Black Females, and White males had the highest rate of accidental death (8.2, 7.9, and 7.8 deaths per 100,000 persons aged 0-17 years, respectively)
- Motor vehicle accidents were the leading method of death (42.0%), followed by accidental drownings (13.0%)

Figure 3.7 Number and Rate of Accidental Child Deaths by Year, 2003-2020

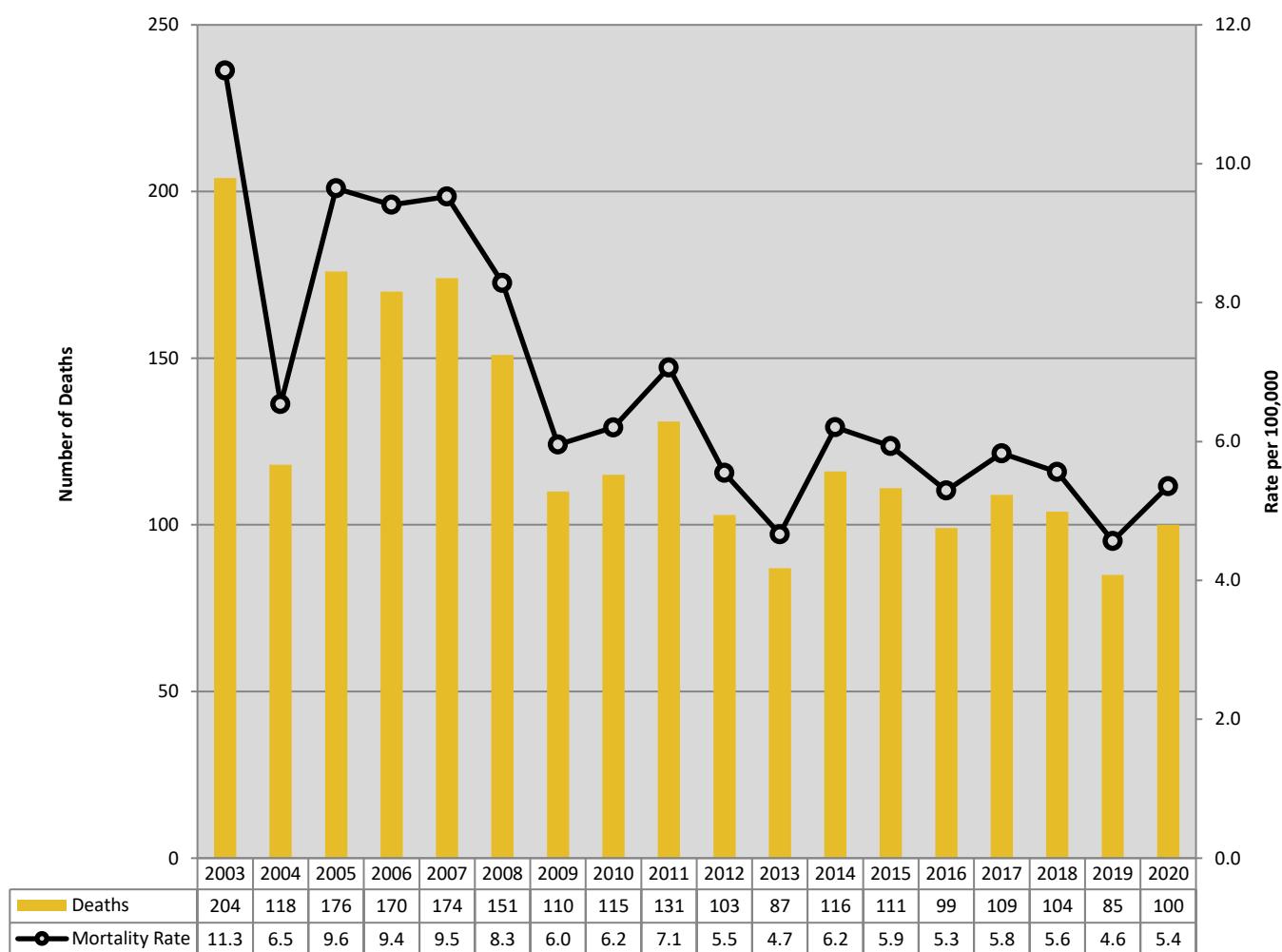


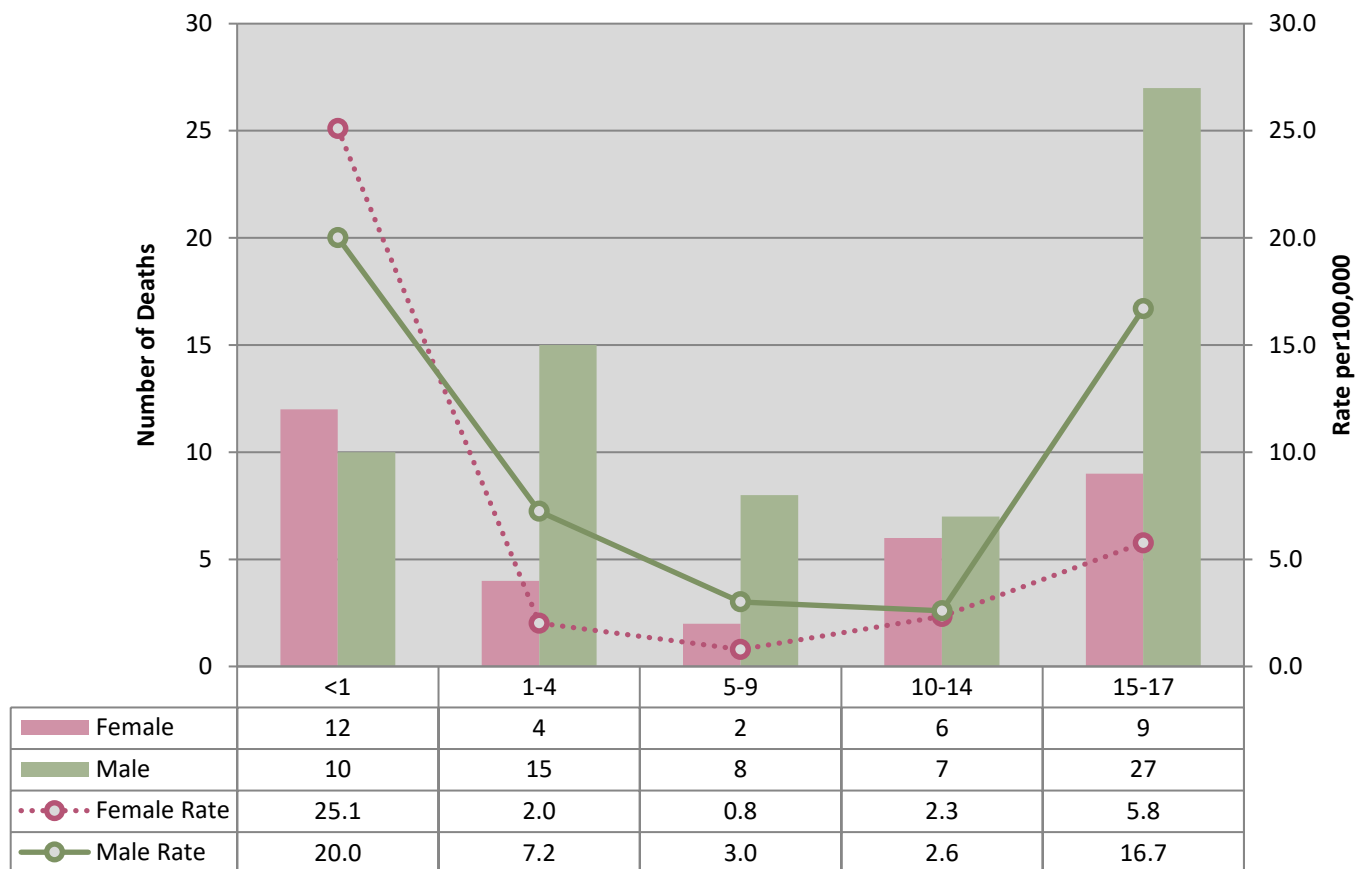
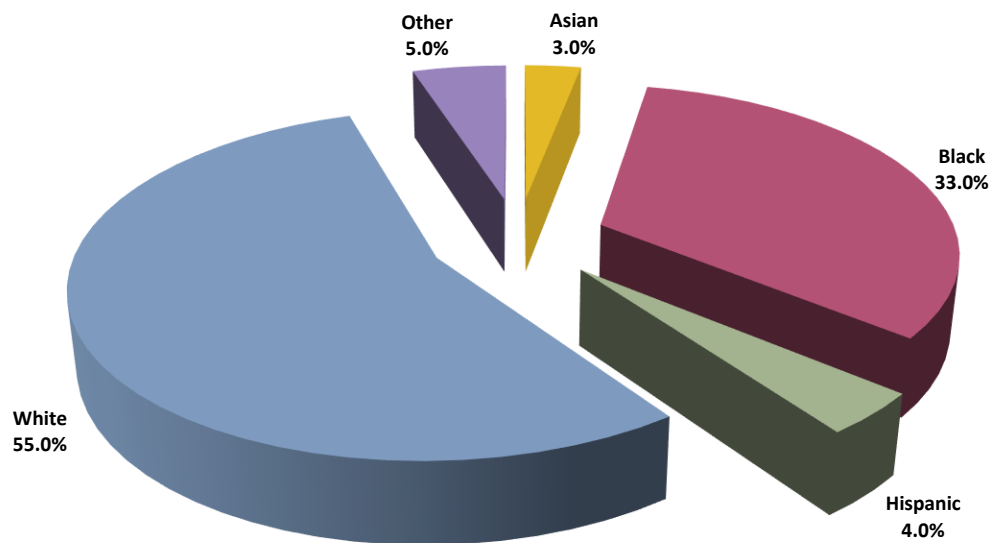
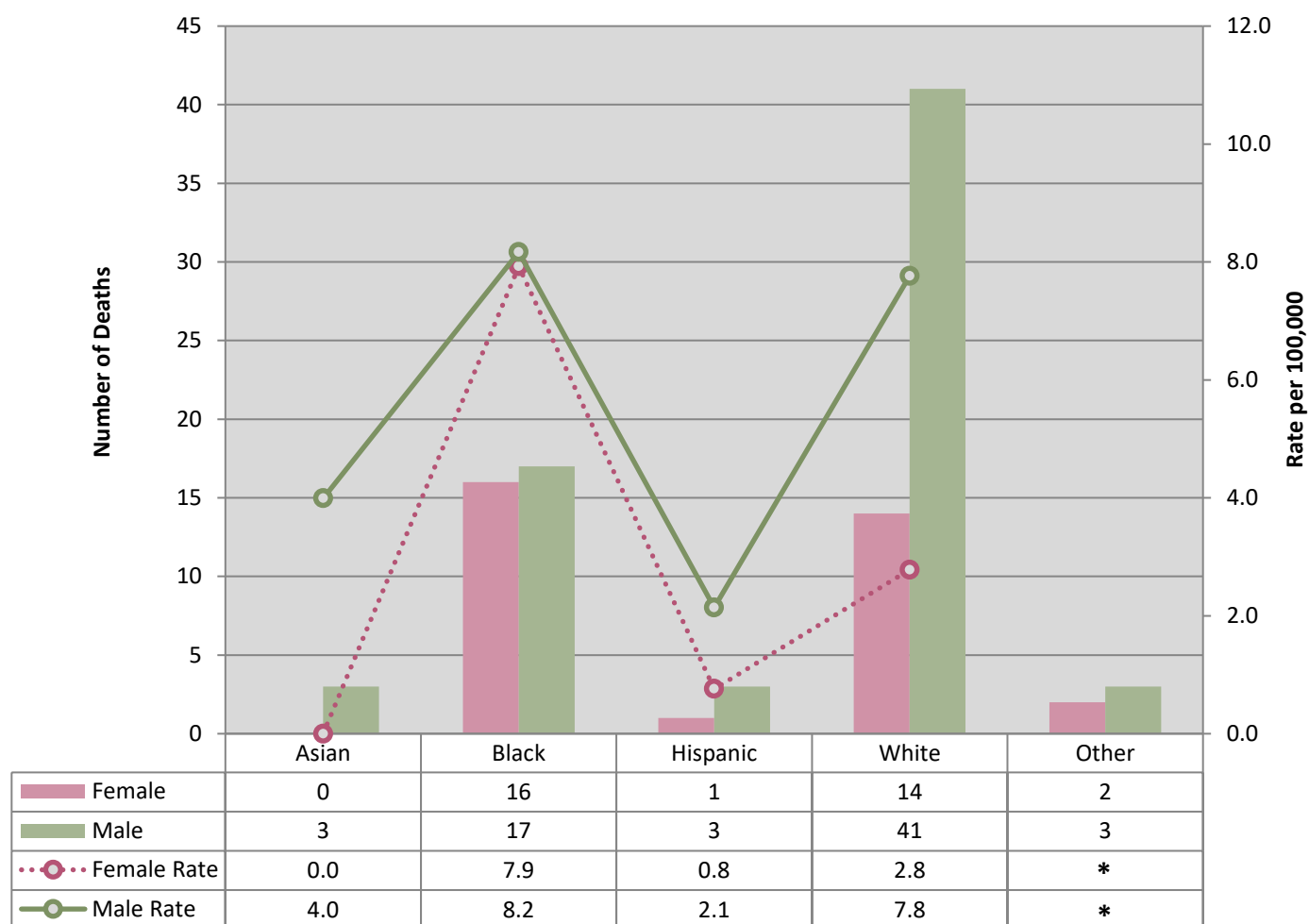
Figure 3.8 Number and Rate of Accidental Child Deaths by Age Group and Gender, 2020**Figure 3.9 Percentage of Accidental Child Deaths by Race/Ethnicity, 2020**

Figure 3.10 Number and Rate of Accidental Child Deaths by Gender and Race/Ethnicity, 2020

*No rate can be calculated

Note: Rates calculated from small case counts (n<5) are considered unreliable and should be interpreted with caution (Asian males and Hispanics)

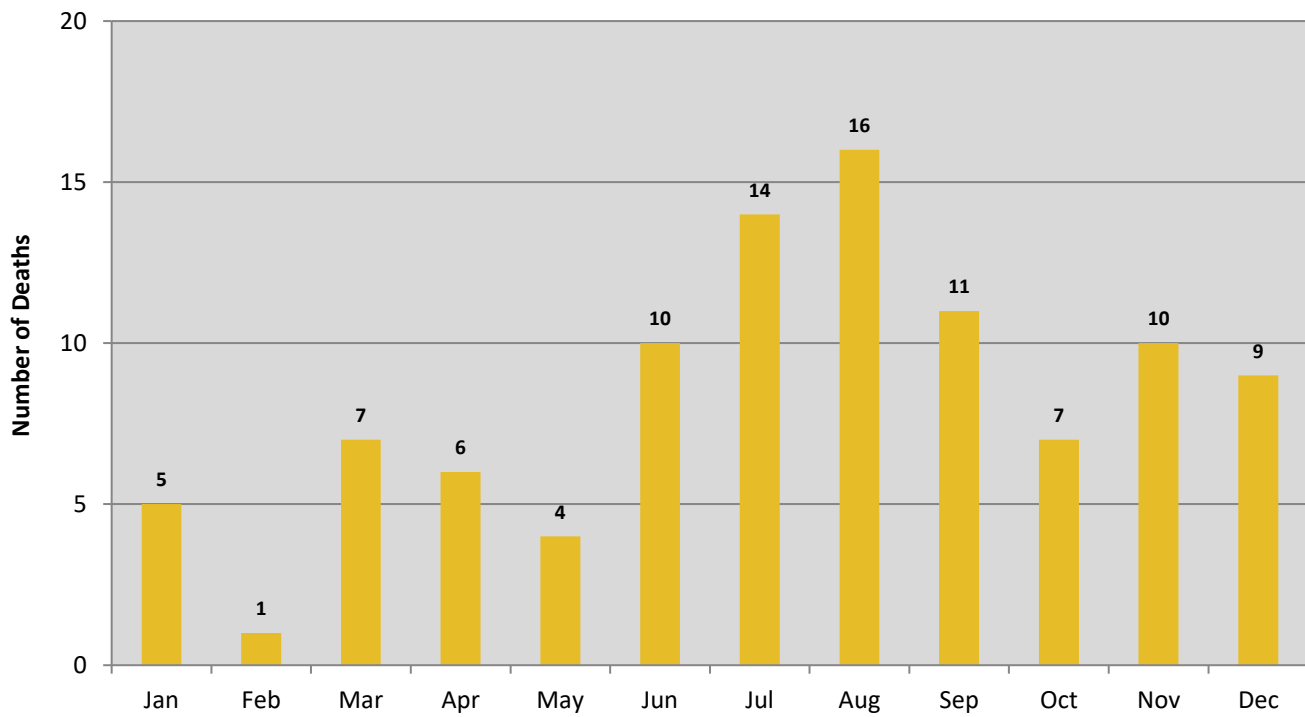
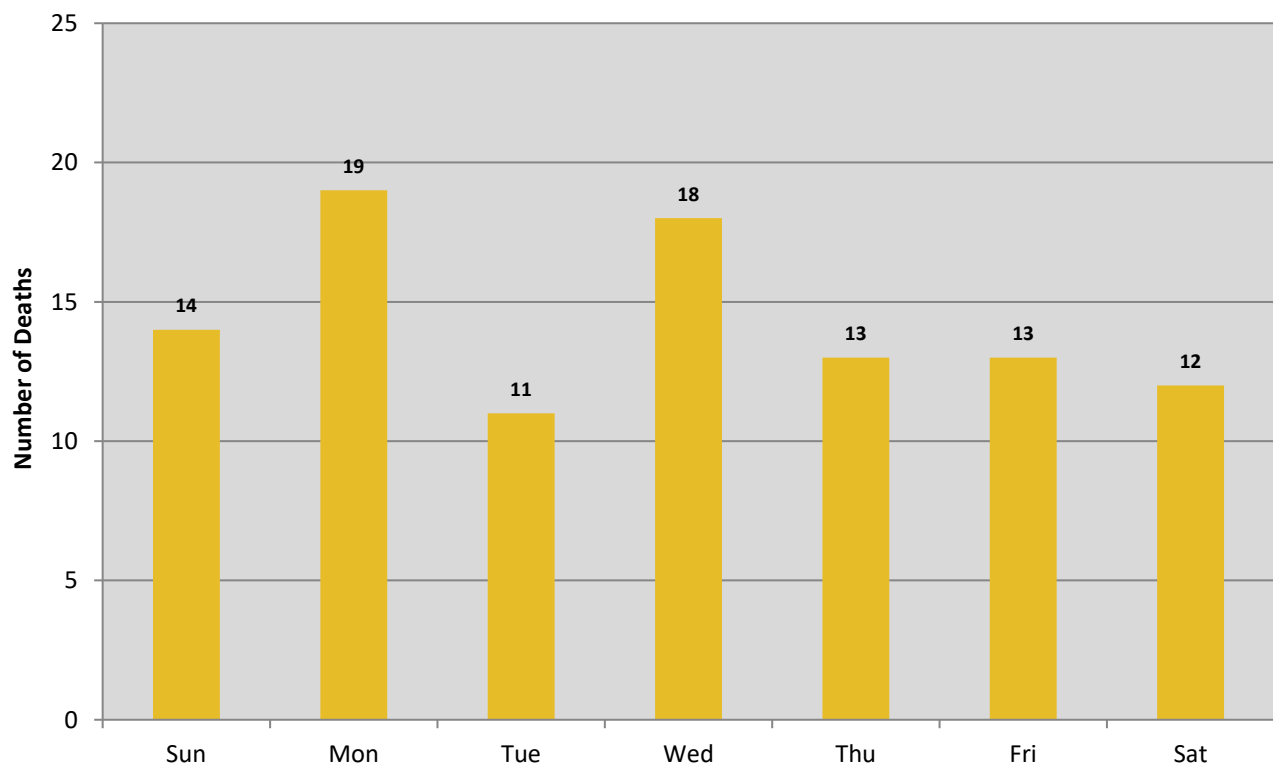
Figure 3.11 Number of Accidental Child Deaths by Month of Death, 2020**Figure 3.12 Number of Accidental Child Deaths by Day of Week, 2020**

Table 3.1 Number of Accidental Child Deaths by Cause and Method of Death, 2020

| Method of Death | Autopsied | Total Cases |
|---|-----------|-------------|
| Animal/Insect | | |
| Bit, stung, or kicked by an animal/insect | 1 | 1 |
| Asphyxia | | |
| Choked on food/foreign object | 0 | 3 |
| Drowned | 8 | 13 |
| Hanged | 1 | 1 |
| Mechanical/Positional asphyxia | 5 | 5 |
| Suffocated/Smothered | 12 | 12 |
| Drug Use | | |
| Ingested and/or injected illicit, prescription, and/or other type of drug | 9 | 11 |
| Environmental Exposure | | |
| Exposure to heat | 1 | 1 |
| Fall/Jump | | |
| Fall/Jump from height | 3 | 3 |
| Fire | | |
| Thermal burns and/or inhalation of combustion products | 1 | 2 |
| Motor Vehicle | | |
| All terrain vehicle | 0 | 1 |
| Bicycle | 0 | 1 |
| Car | 1 | 22 |
| Farm equipment | 0 | 1 |
| Motorcycle | 0 | 1 |
| Pickup truck | 0 | 5 |
| Sport utility vehicle | 2 | 7 |
| Truck other | 0 | 1 |
| Unknown | 1 | 3 |
| Traumatic Injury | | |
| Gunshot wound | | |
| Handgun | 4 | 4 |
| Sharp force injury | 0 | 1 |
| Other Unnatural Deaths | | |
| Other | 1 | 1 |
| TOTAL ACCIDENTAL CHILD DEATHS | 50 | 100 |

CHILD HOMICIDE DEATHS (N=58)

The number of child homicide deaths in 2020 increased by 18.4% when compared to 2019. Homicides represented 16.9% of all child deaths.

- Homicides in children occurred most frequently among males (74.1%) and among Blacks (72.4%)
- Black males had the highest rate of child homicides with 15.4 deaths per 100,000 persons aged 0-17 years
- Gunshot wounds (69.0%) were the most common method of child homicide in 2020, followed by beatings (20.7%)

Figure 3.13 Number and Rate of Child Homicide Deaths by Year, 1999-2020

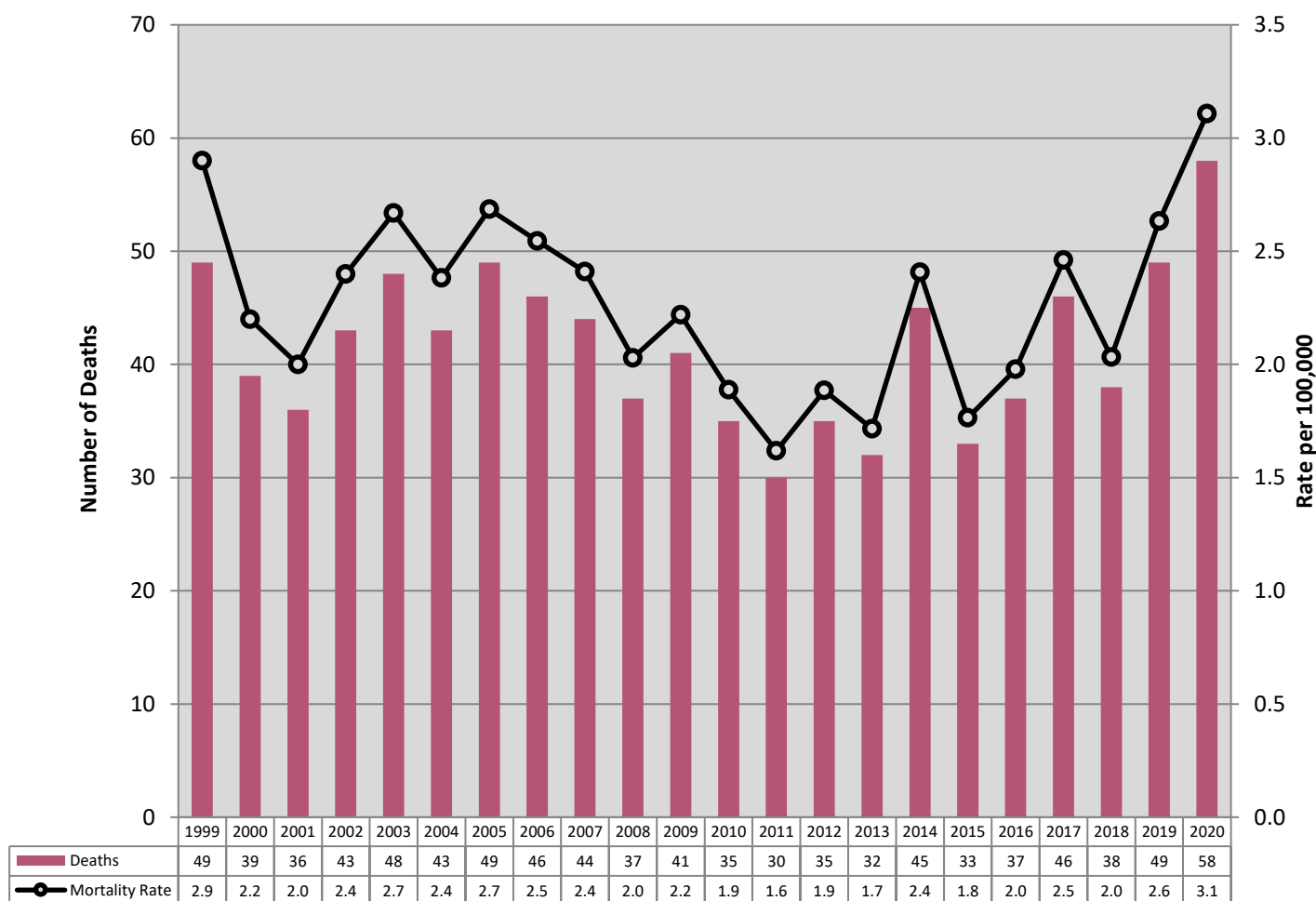


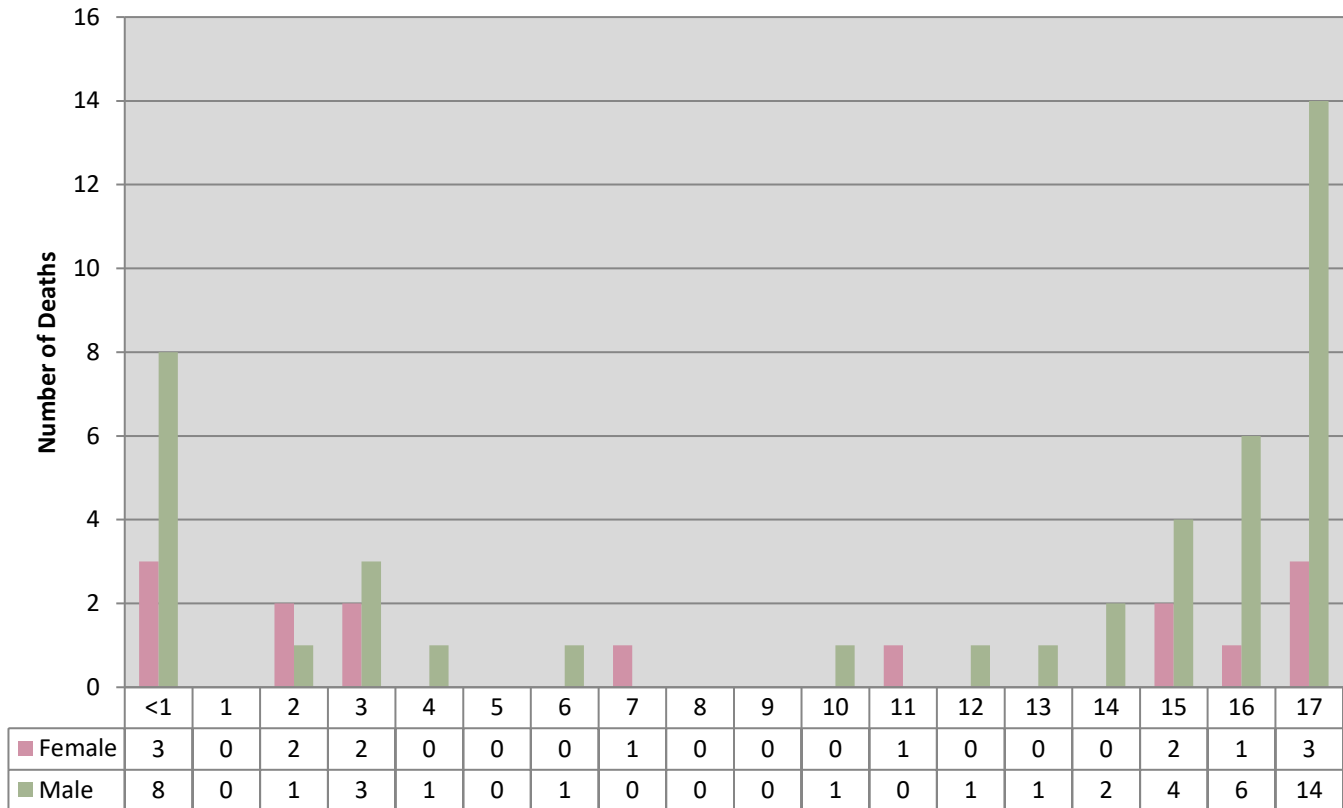
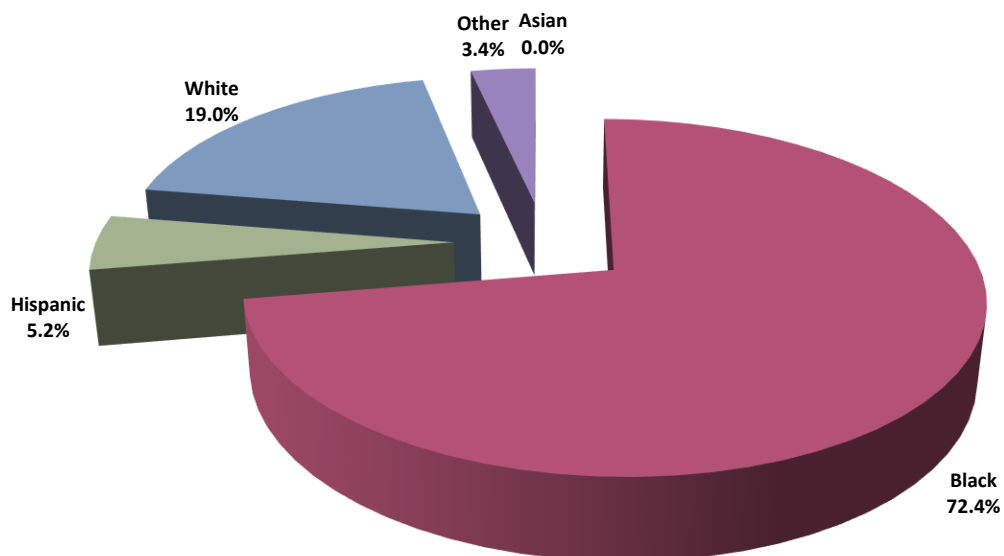
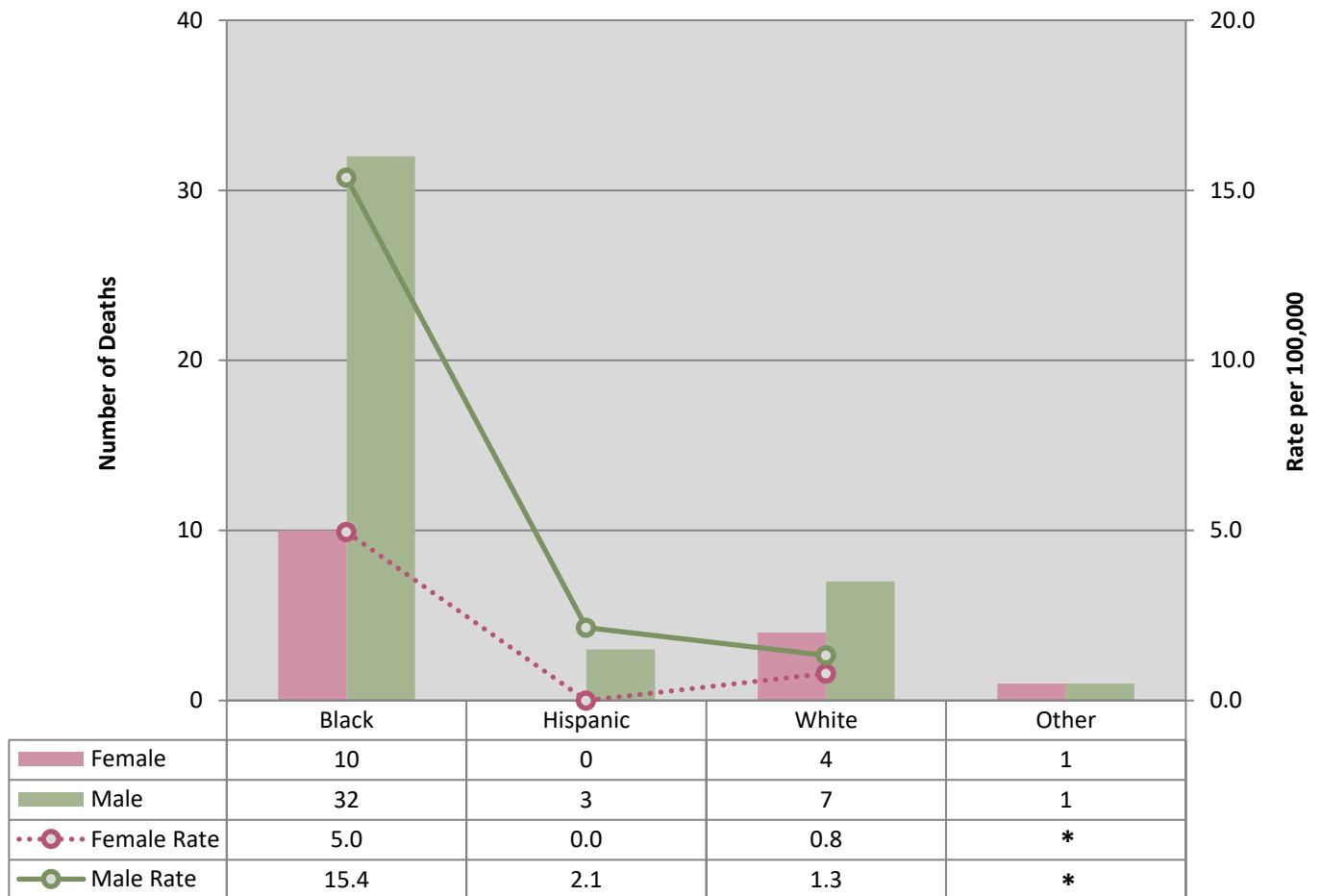
Figure 3.14 Number of Child Homicide Deaths by Age and Gender, 2020**Figure 3.15 Percentage of Child Homicide Deaths by Race/Ethnicity, 2020**

Figure 3.16 Number and Rate of Child Homicide Deaths by Gender and Race/Ethnicity, 2020

*No rate can be calculated

Note: Rates calculated from small case counts (n<5) are considered unreliable and should be interpreted with caution (Hispanic males and White females)

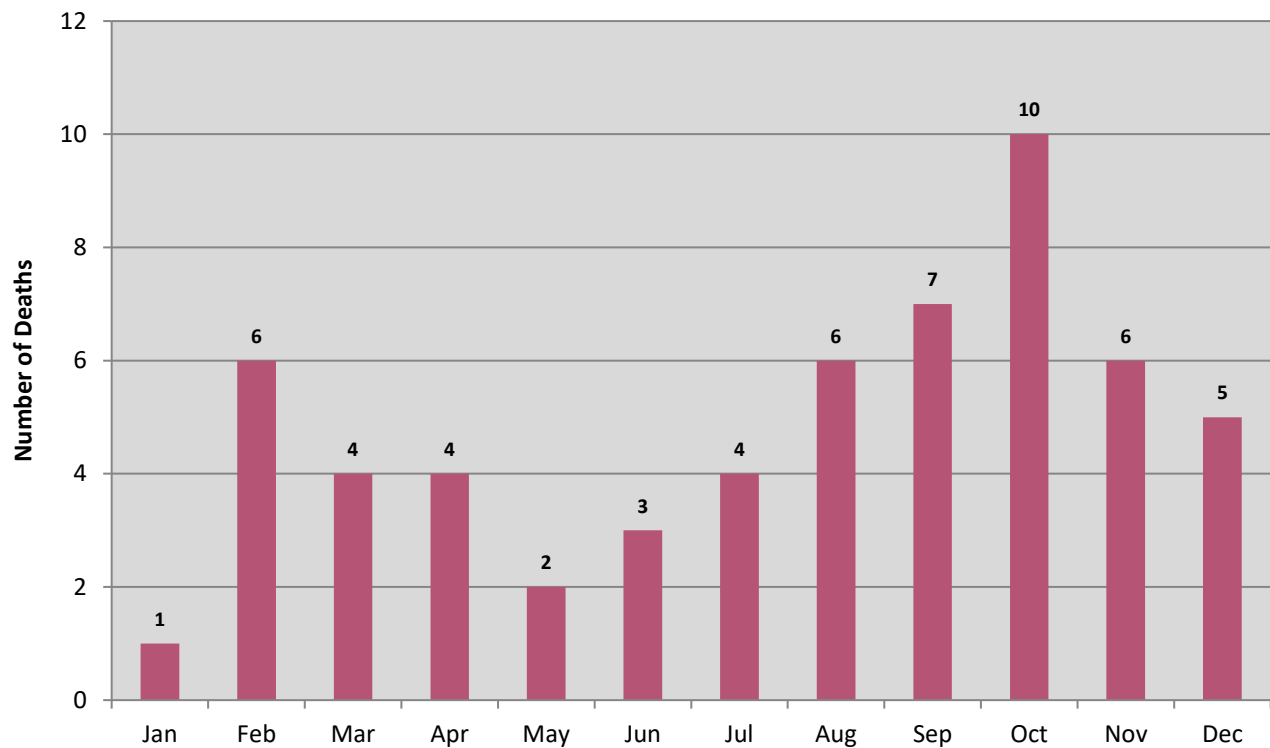
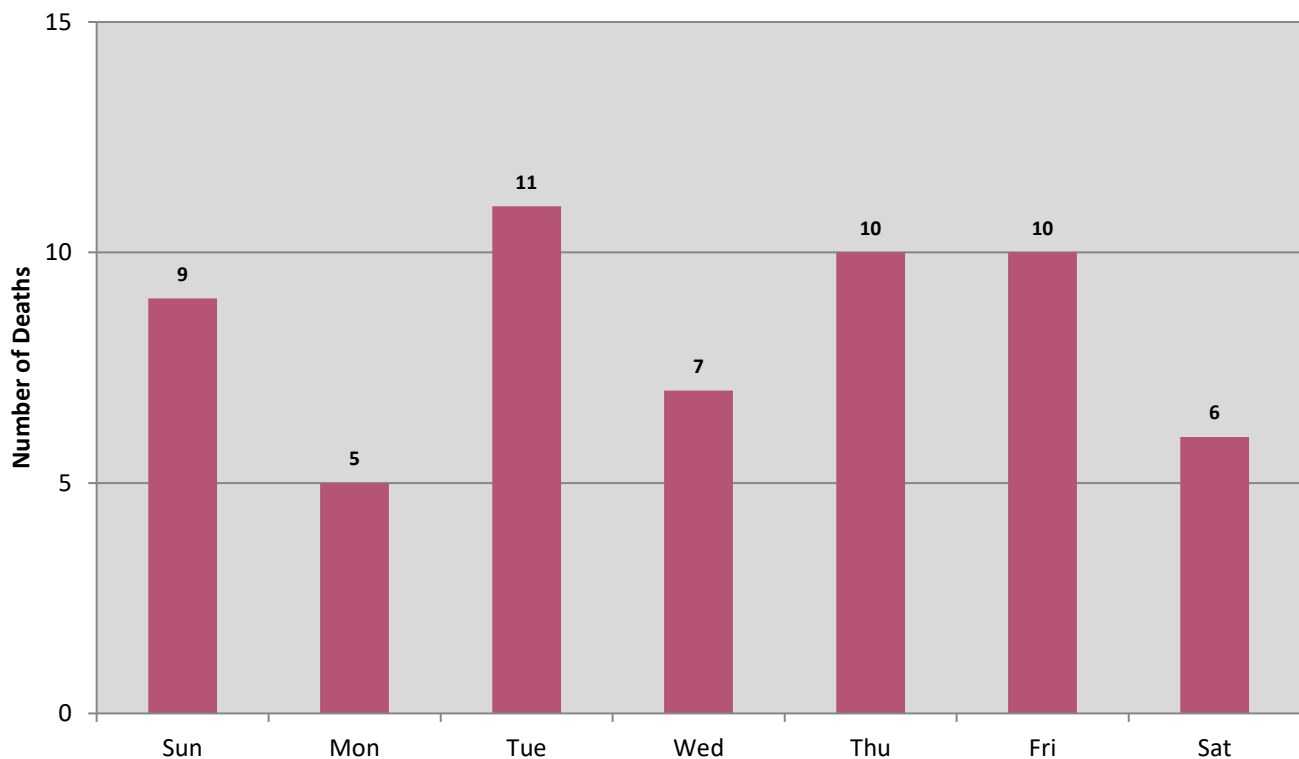
Figure 3.17 Number of Child Homicide Deaths by Month of Death, 2020**Figure 3.18 Number of Child Homicide Deaths by Day of the Week, 2020**

Table 3.2 Number of Child Homicide Deaths by Cause and Method of Death, 2020

| Method of Death | Autopsied | Total Cases |
|---|-----------|-------------|
| Asphyxia | | |
| Strangled/Neck compression | 1 | 1 |
| Suffocated/Smothered | 2 | 2 |
| Drug Use | | |
| Ingested and/or injected illicit, prescription, and/or other type of drug | 1 | 1 |
| Traumatic Injury | | |
| Beaten by assailant(s) | 12 | 12 |
| Sharp force injuries | 1 | 1 |
| Shot by assailant(s) with firearm | | |
| Handgun | 28 | 28 |
| Rifle | 2 | 2 |
| Unknown | 10 | 10 |
| Other/Undetermined | 0 | 1 |
| TOTAL CHILD HOMICIDE DEATHS | 57 | 58 |

NATURAL CHILD DEATHS (N=35)

Infants made up the largest proportion of natural child deaths (40.0%) that fell under the OCME's jurisdiction.

- Various cardiac disease/disorders were the most common causes of natural child deaths in 2020

NOTE: Due to the change of OCME case definitions which includes the addition of the sudden unexpected infant death (SUID) classification of infant death in 2007 (undetermined manner of death), sudden infant death syndrome (SIDS) cases have drastically decreased (natural manner of death)

Figure 3.19 Number of Natural Child Deaths by Age Group and Gender, 2020

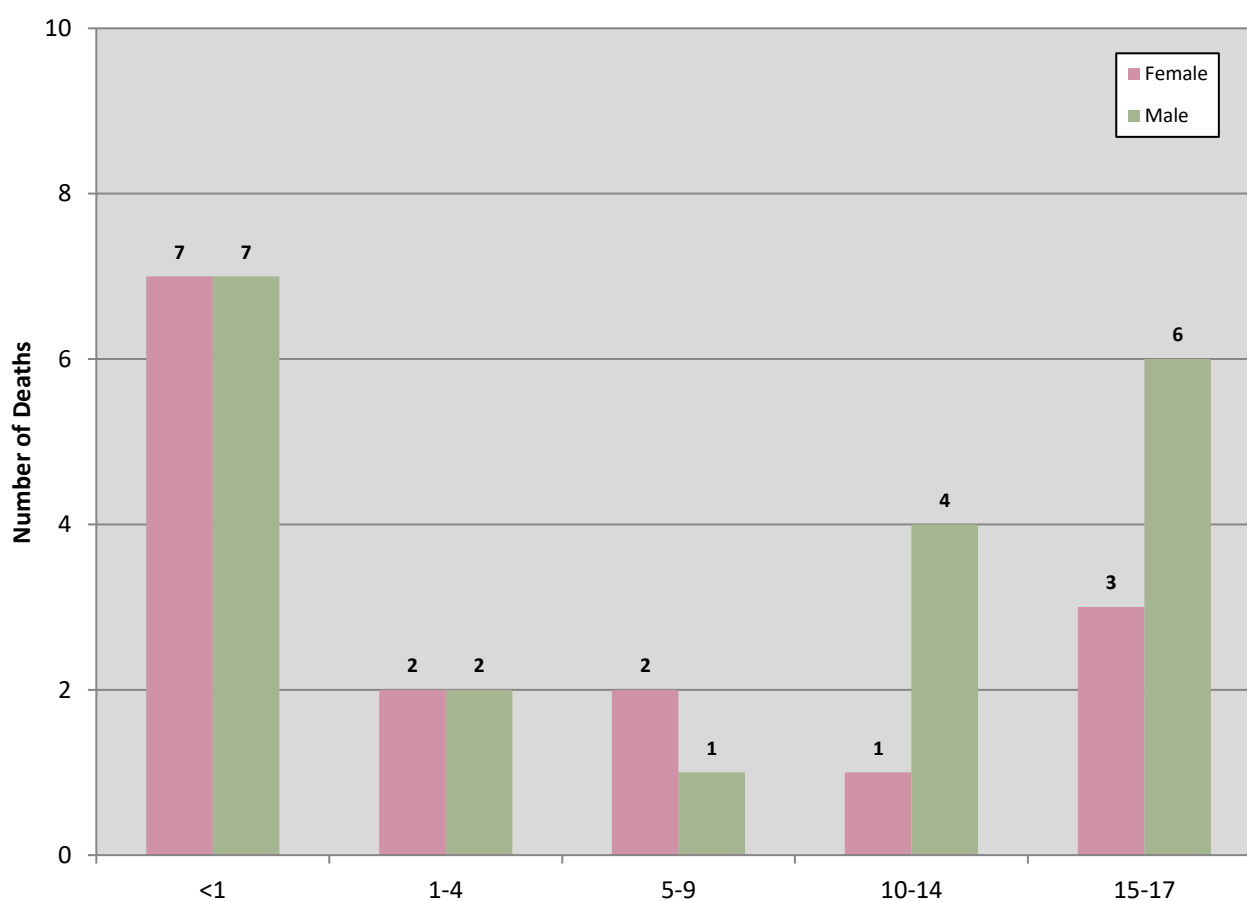


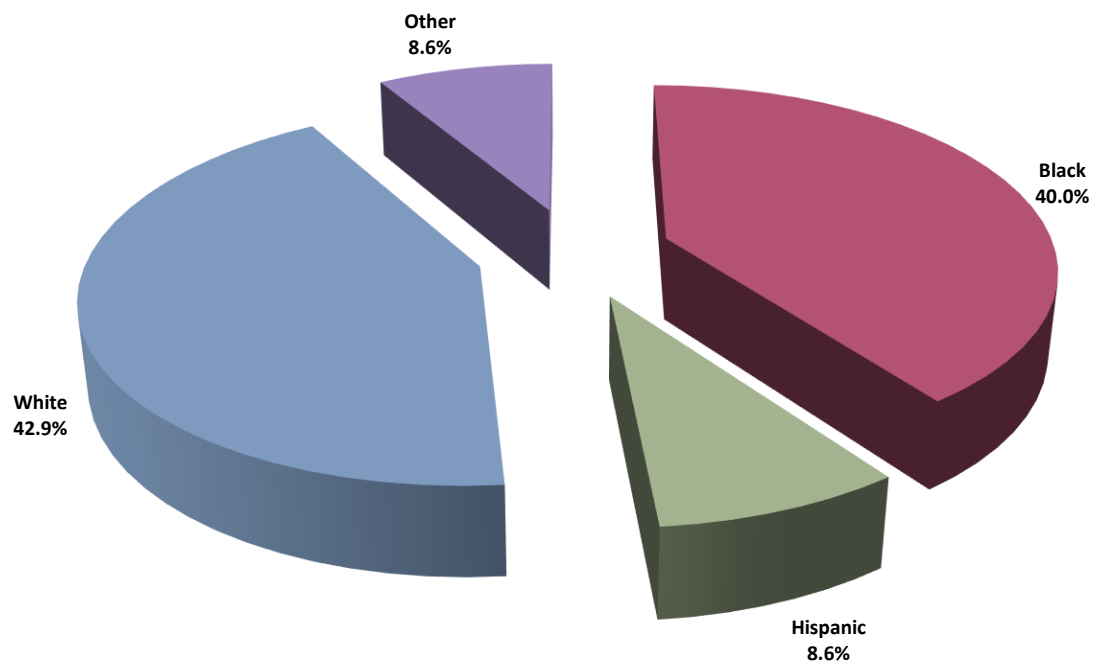
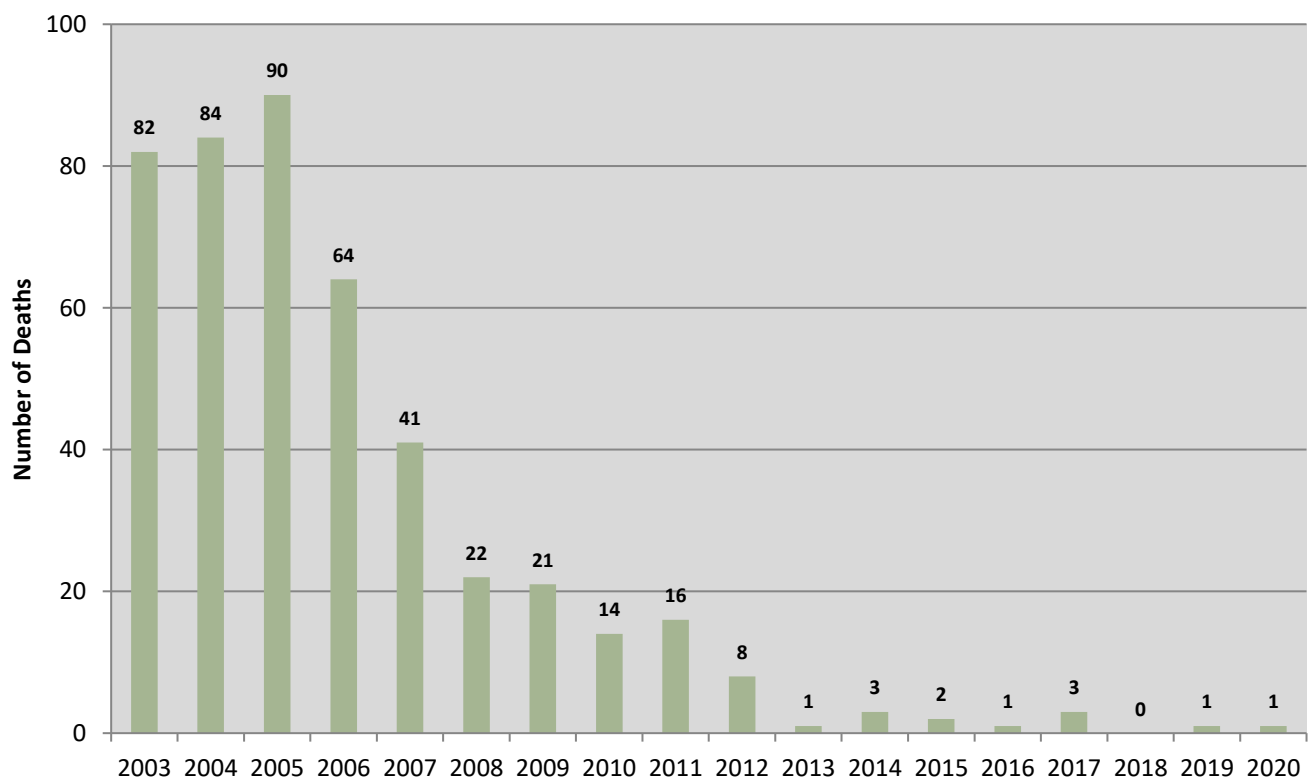
Figure 3.20 Percentage of Natural Child Deaths by Race/Ethnicity, 2020**Figure 3.21 Number of OCME SIDS Cases by Year of Death, 2003-2020**

Table 3.3 Number of Natural Child Deaths by Cause and Method of Death, 2020

| NATURAL CHILD DEATHS | Autopsied | Total Cases |
|---|------------------|--------------------|
| Cardiovascular Diseases/Disorders | | |
| Cardiac arrhythmia not specified | 4 | 4 |
| Congenital heart defect | 0 | 1 |
| Vascular dissection/rupture | 1 | 1 |
| Other cardiac disease/disorder | 4 | 4 |
| Central Nervous System Diseases/Disorders | | |
| Meningitis (bacterial or viral) | 1 | 1 |
| Seizure disorder | 2 | 3 |
| Vascular disease | 1 | 1 |
| Other central nervous system disease/disorder | 1 | 1 |
| Gastrointestinal Disease/Disorder | | |
| Other gastrointestinal disease/disorder | 2 | 2 |
| Genitourinal Disease/Disorder | | |
| Other genitourinal disease/disorder | 1 | 1 |
| Perinatal and Pediatric Diseases/Disorders | | |
| Fetal complications | 0 | 1 |
| Sudden infant death syndrome (SIDS) | 1 | 1 |
| Other perinatal or pediatric disease/disorder | 4 | 4 |
| Pulmonary Diseases/Disorders | | |
| Asthma | 1 | 1 |
| Pneumonia | 3 | 3 |
| Pulmonary emboli | 1 | 1 |
| Other pulmonary disease/disorder | 1 | 1 |
| Systemic Diseases/Disorders | | |
| Diabetes | 1 | 1 |
| Other infectious disease | 2 | 2 |
| Other systemic disease/disorder | 1 | 1 |
| TOTAL NATURAL CHILD DEATHS | 32 | 35 |

CHILD SUICIDE DEATHS (N=51)

The number of child suicide deaths in 2020 increased 30.8% compared to 2019.

- Child suicides are very similar to adult suicides as they occur more frequently in males (72.5%) and among Whites (60.8%)
- The most common methods of child suicides were hangings (47.1%) and gunshot wounds (47.1%)

Figure 3.22 Number and Rate of Child Suicide Deaths by Year, 1999-2020

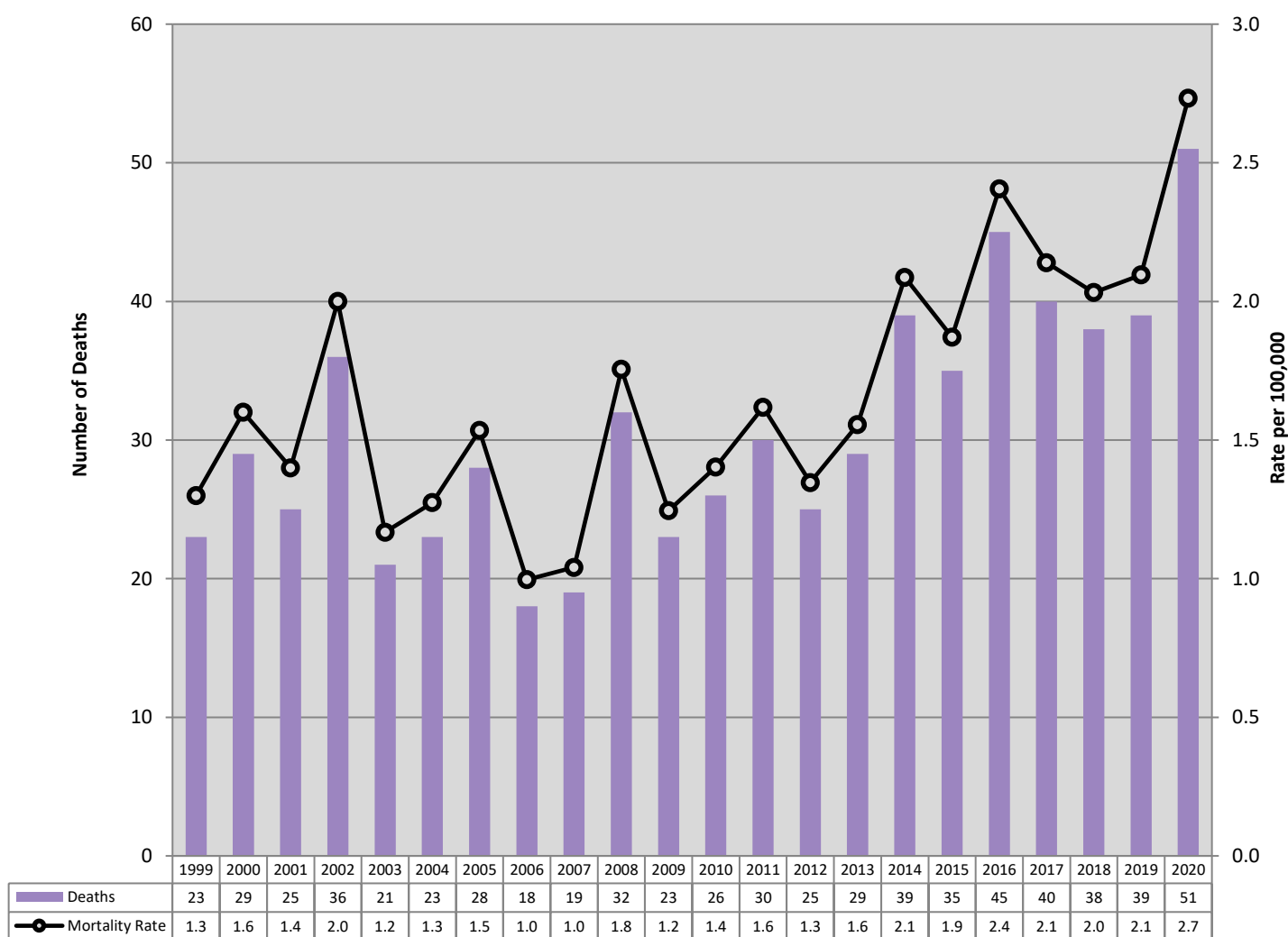


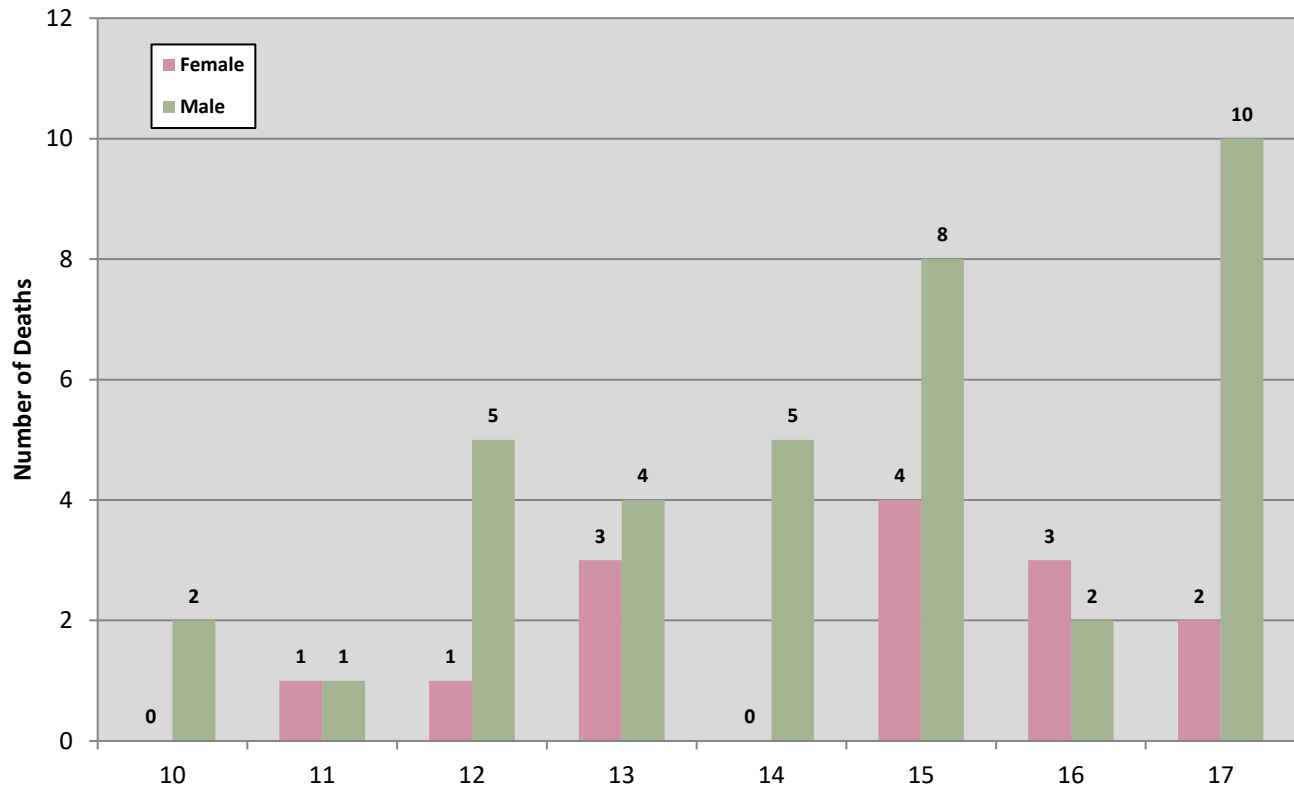
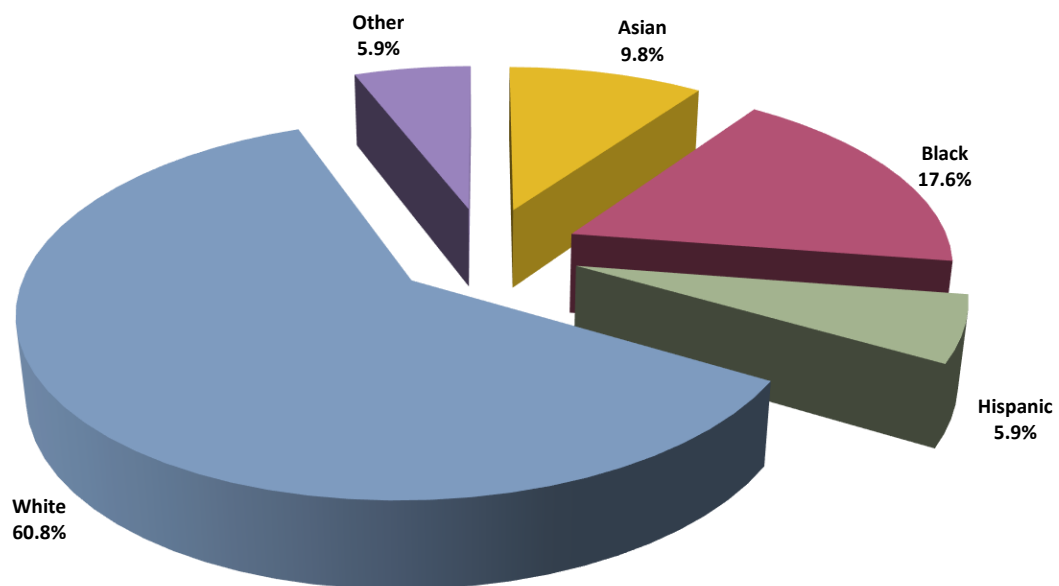
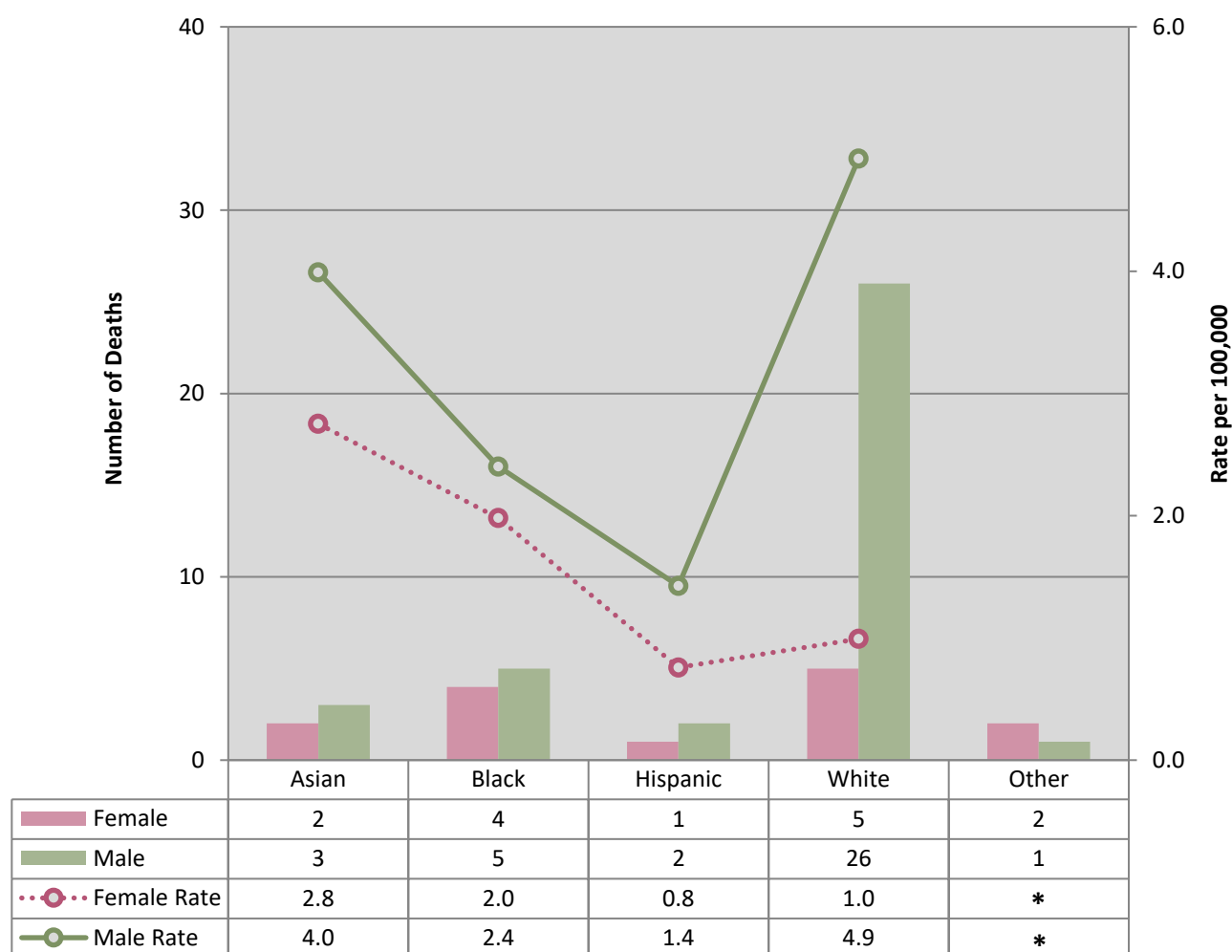
Figure 3.23 Number of Child Suicide Deaths by Age and Gender, 2020**Figure 3.24 Percentage of Child Suicide Deaths by Race/Ethnicity, 2020**

Figure 3.25 Number and Rate of Child Suicide Deaths by Gender and Race/Ethnicity, 2020

*No rate can be calculated

Note: Rates calculated from small case counts ($n < 5$) are considered unreliable and should be interpreted with caution (Asians, Black females, and Hispanics)

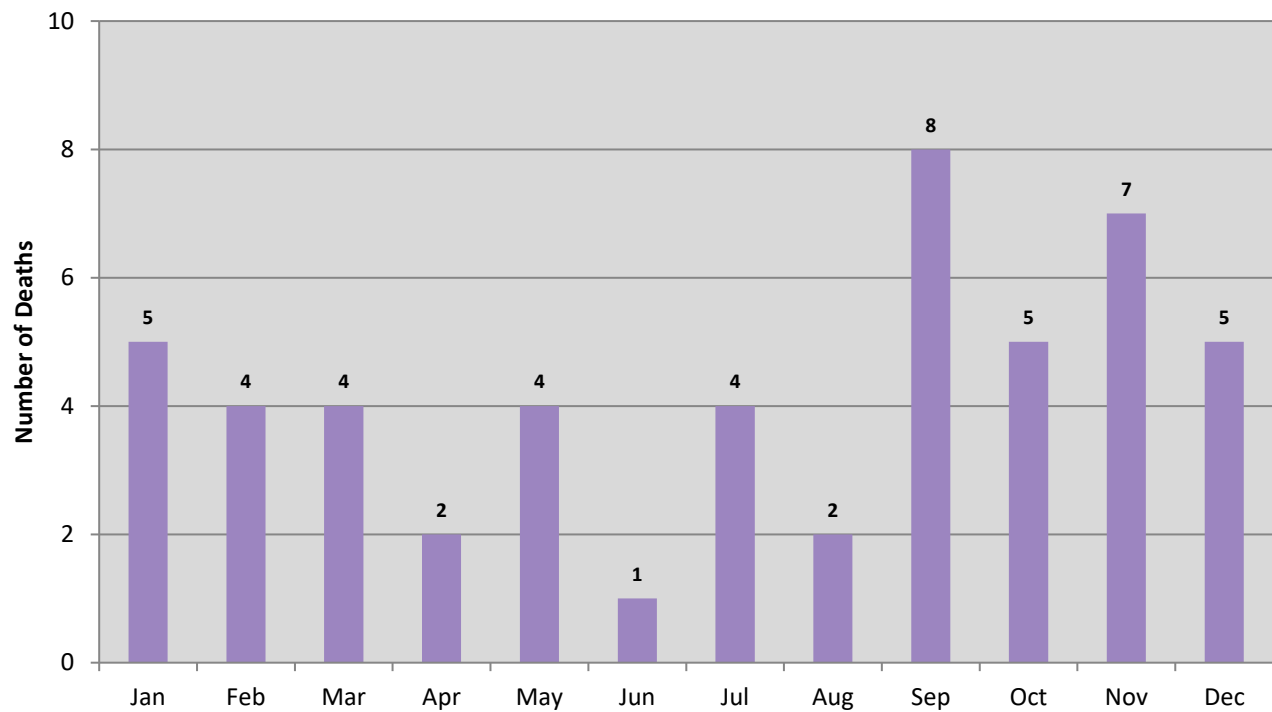
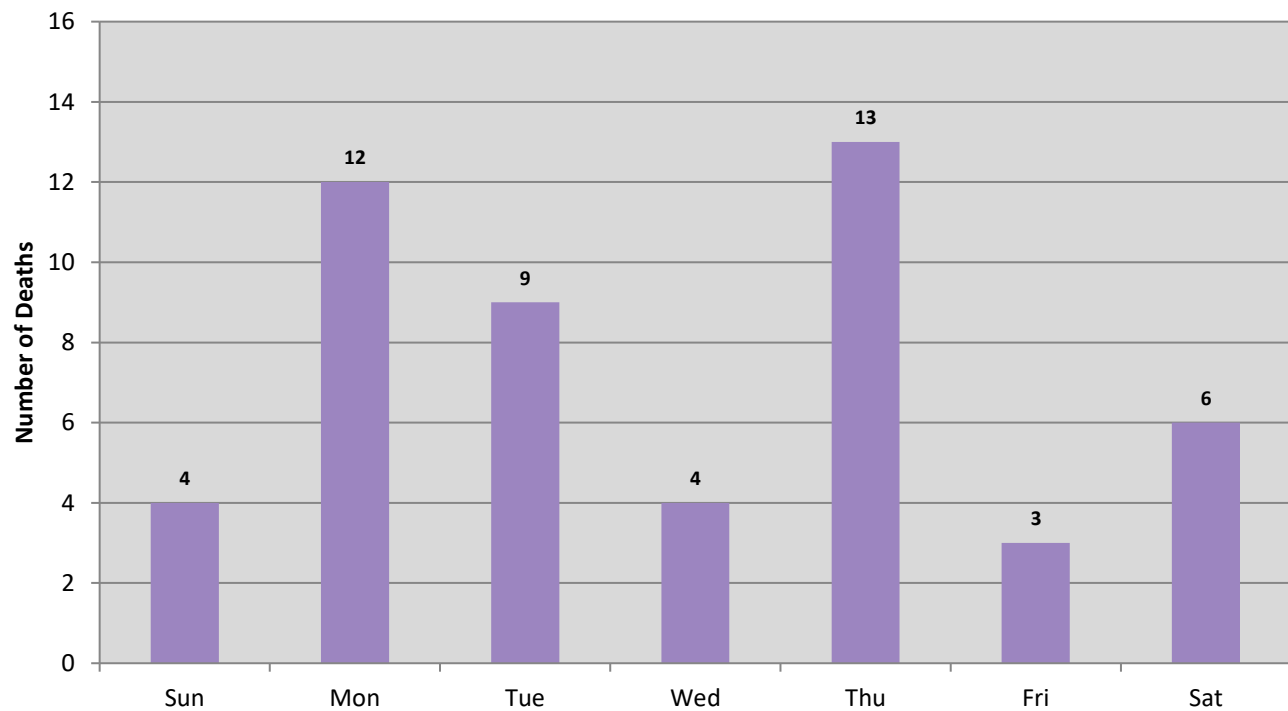
Figure 3.26 Number of Child Suicide Deaths by Month, 2020**Figure 3.27 Number of Child Suicide Deaths by Day of the Week, 2020**

Table 3.4 Number of Child Suicide Deaths by Cause and Method of Death, 2020

| Method of Death | Autopsied | Total Cases |
|---|-----------|-------------|
| Asphyxia | | |
| Hanged | 12 | 24 |
| Drug Use | | |
| Ingested and/or injected illicit, prescription, and/or other type of drug | 3 | 3 |
| Traumatic Injury | | |
| Gunshot Wound | | |
| Handgun | 19 | 19 |
| Rifle | 2 | 2 |
| Shotgun | 3 | 3 |
| TOTAL CHILD SUICIDE DEATHS | 39 | 51 |

UNDETERMINED CHILD DEATHS (N=100)

One hundred undetermined deaths of children occurred in 2020; a near identical number to 2019, and representing 29.1% of all child deaths that occurred in 2019.

- Infants <1 year old accounted for 92.0% of undetermined deaths
- Sudden unexpected infant death (SUID) deaths of infants <1 year of age represented 84.0% of all undetermined child deaths

Figure 3.28 Number and Rate of Undetermined Child Deaths by Year, 2006-2020

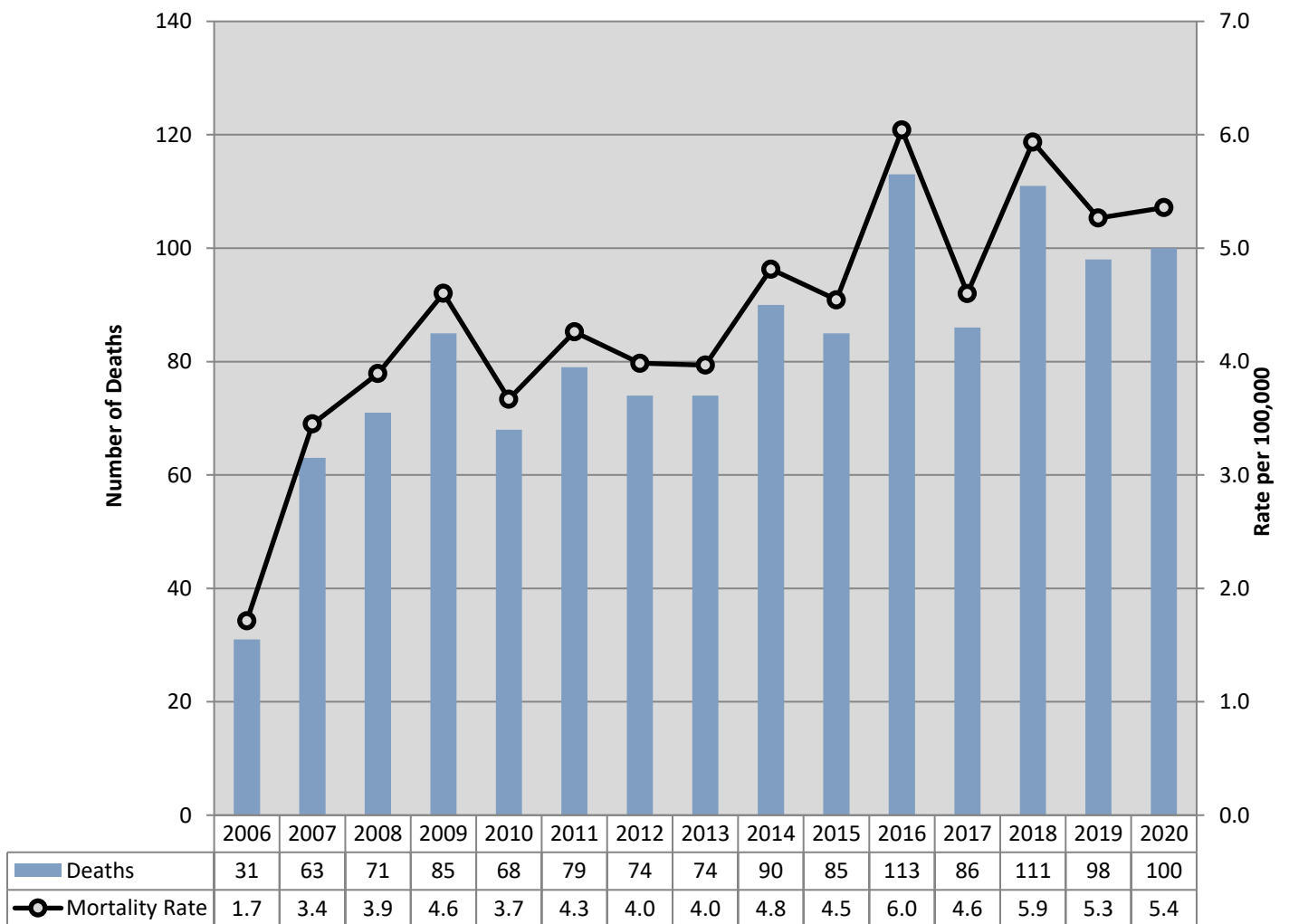


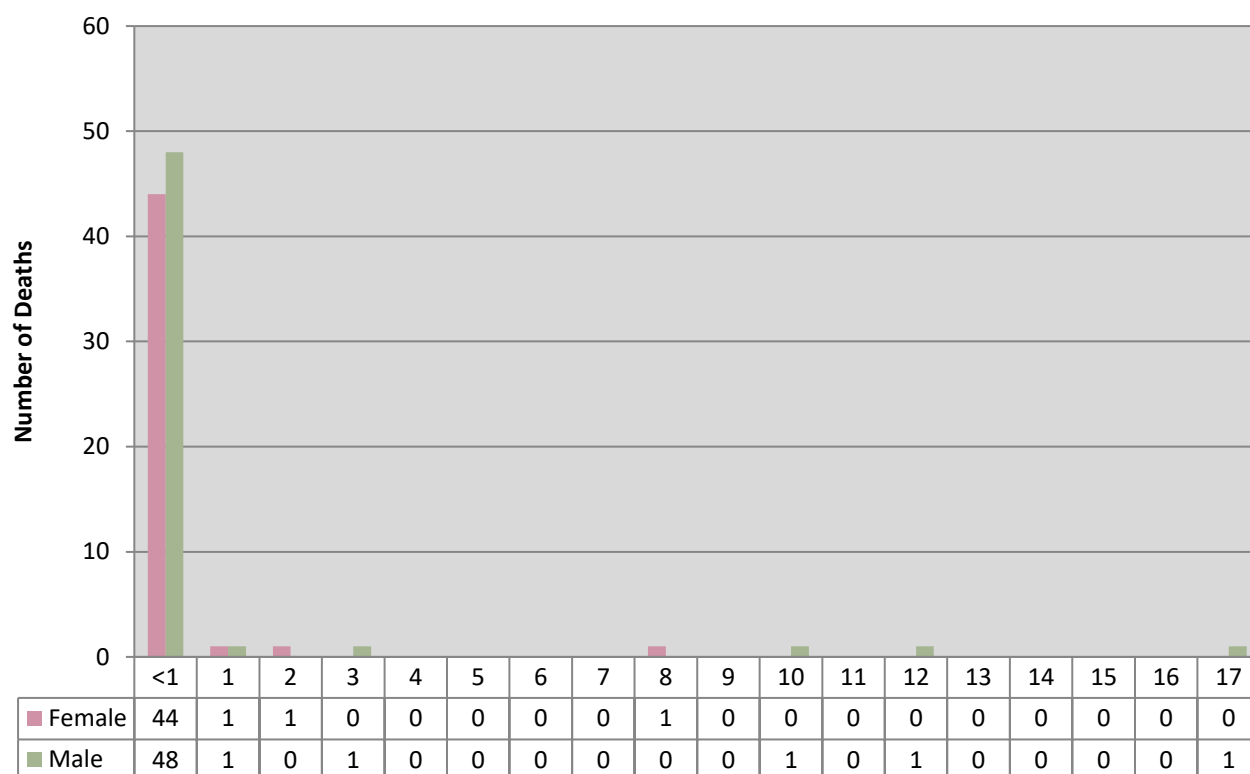
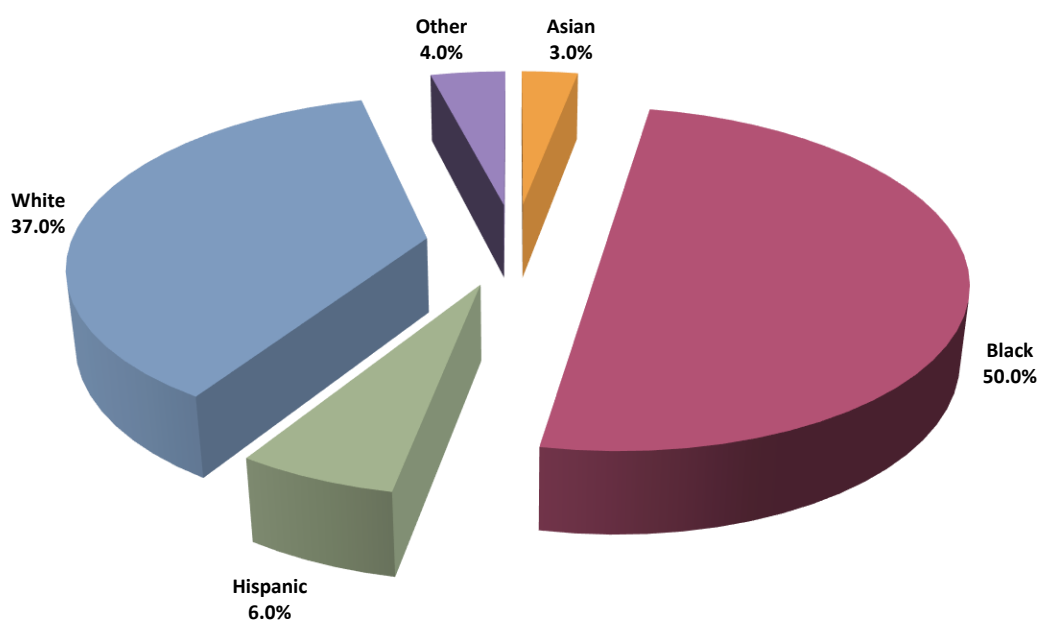
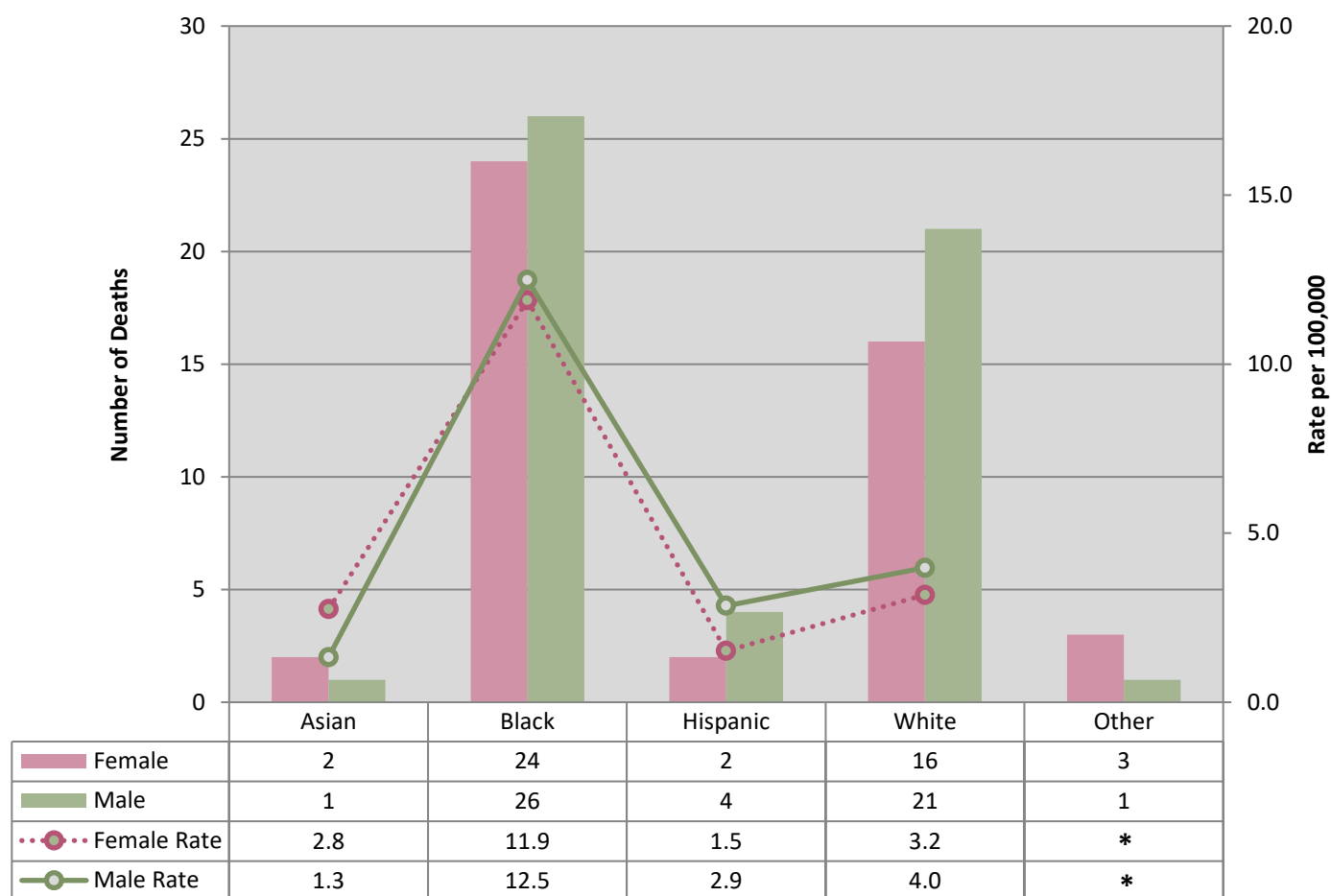
Figure 3.29 Number of Undetermined Child Deaths by Age and Gender, 2020**Figure 3.30 Percentage of Undetermined Child Deaths by Race/Ethnicity, 2020**

Figure 3.31 Number and Rate of Undetermined Child Deaths by Gender and Race/Ethnicity, 2020

*No rate can be calculated

Note: Rates calculated from small case counts (n<5) are considered unreliable and should be interpreted with caution (Asians and Hispanics)

Table 3.5 Number of Undetermined Child Deaths by Cause and Method of Death, 2020

| Determined Cause and Method of Death | Autopsied | Total Cases |
|---|------------------|--------------------|
| Asphyxia | | |
| Drowned | | |
| Suffocated/Smothered | 1 | 1 |
| Drug Use | | |
| Ingested and/or injected illicit, prescription, and/or other type of drug | 2 | 2 |
| Environmental Exposure | | |
| Hyperthermia (heat) | 1 | 1 |
| Traumatic Injury | | |
| Gunshot wound | | |
| Handgun | 1 | 1 |
| Other | 1 | 1 |
| Sharp force injury | 1 | 1 |
| Other Unnatural | | |
| Other | 2 | 2 |
| <i>Subtotal for Determined Cause and Method of Death</i> | 9 | 9 |
| Undetermined Cause and Method of Death | Autopsied | Total Cases |
| Undetermined Manner and Cause of Death | | |
| Sudden Unexpected Infant Death (SUID) | 84 | 84 |
| Other or undetermined after autopsy and/or toxicology | 7 | 7 |
| <i>Subtotal for Undetermined Manner and Cause of Death</i> | 91 | 91 |
| TOTAL UNDETERMINED CHILD DEATHS | 100 | 100 |

SECTION 4: MOTOR VEHICLE FATALITIES (N=984)

The OCME investigated 984 motor vehicle collision-related deaths in 2020, which was a slight increase from 2019 (3.9%).

- The vast majority of cases were accidents (97.7%) and victims were most often male (75.1%)
- Of the 762 (77.4%) motor vehicle fatalities tested for ethanol, 34.1% (n=260) had a blood alcohol concentration greater than or equal to 0.08%; of those 260 decedents who were at or above the legal limit of alcohol, 75.0% were drivers
- Persons aged 25-34 years old had more deaths (19.3%) due to motor vehicle incidents than any other age group, but males 85+ years had the highest rate of death (35.6 deaths per 100,000)
- Black males had the highest rate of fatal motor vehicle collisions (23.9 per 100,000)
- Twenty-four children under the age of 15 years died in motor vehicle-related incidents

Figure 4.1 Number and Rate of Motor Vehicle Deaths by Year, 2003-2020

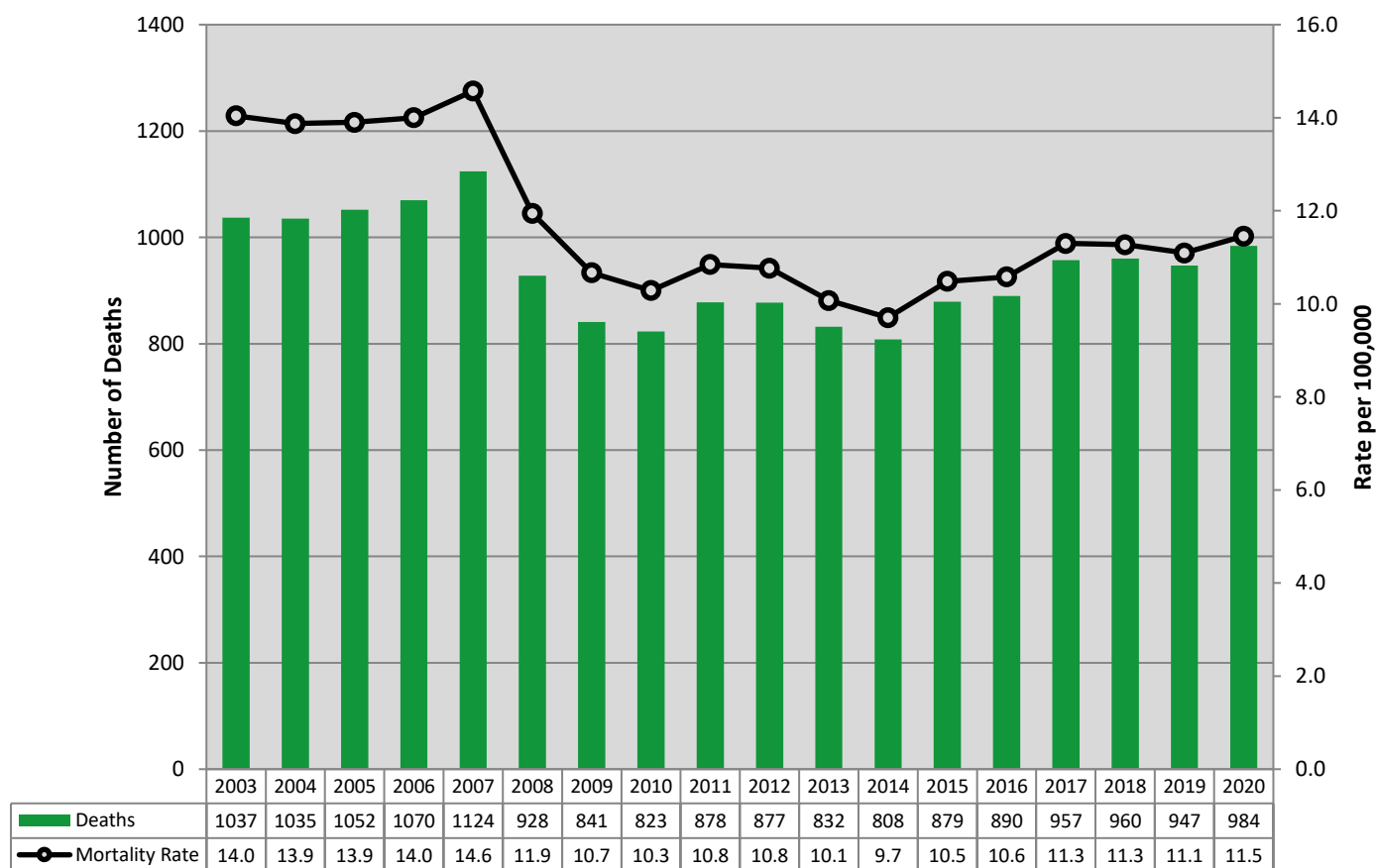
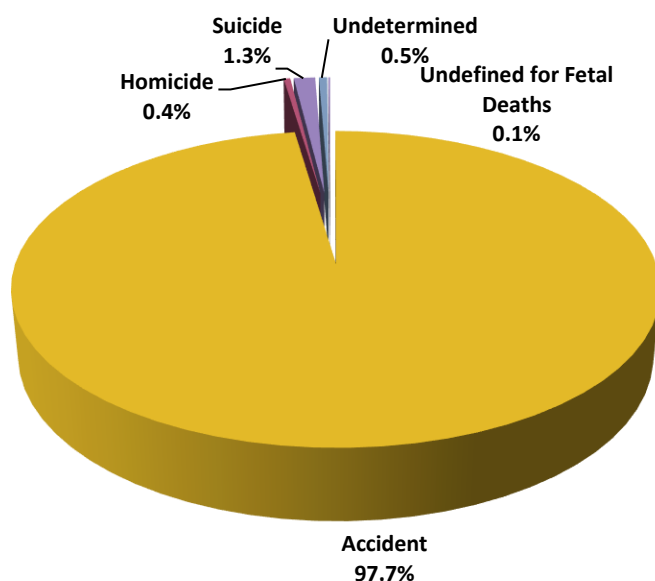
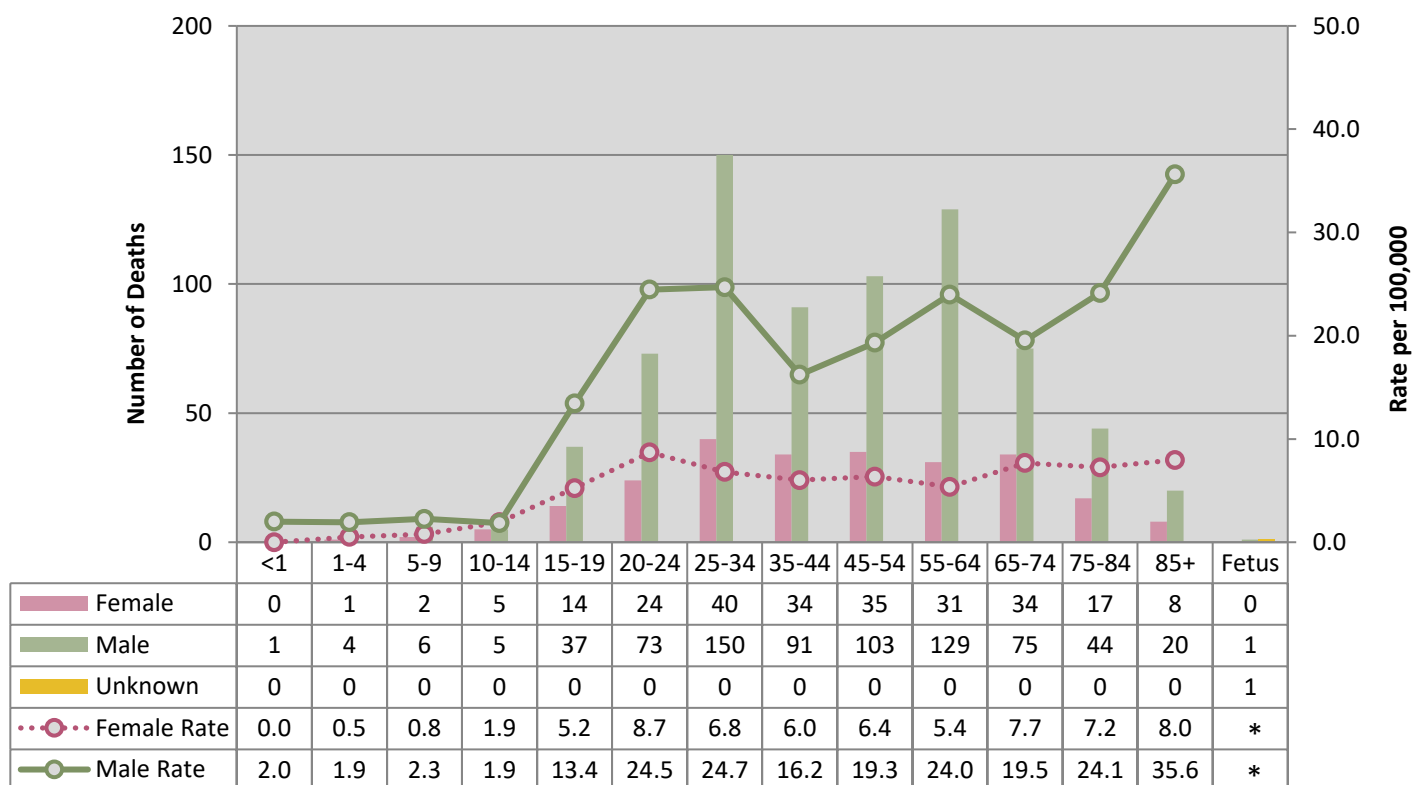


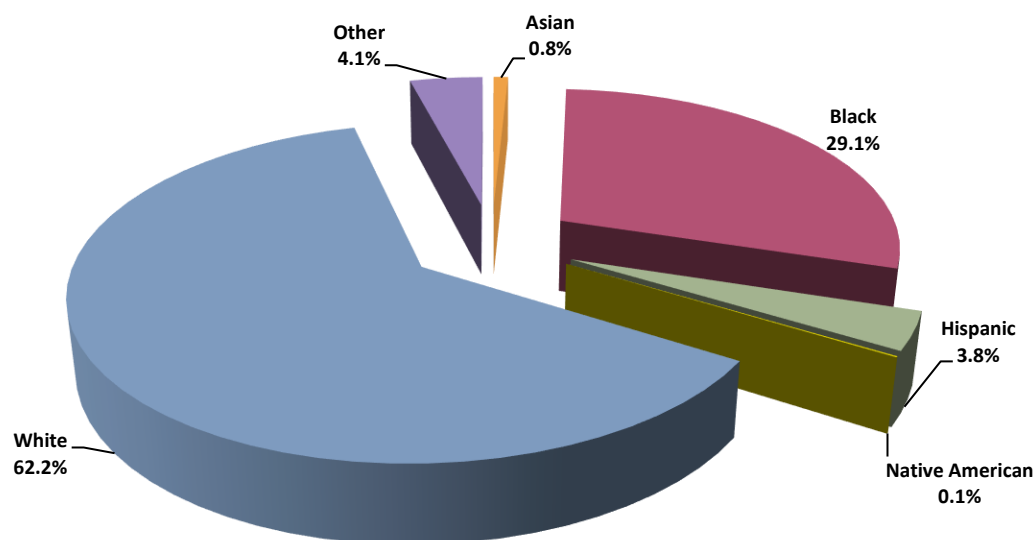
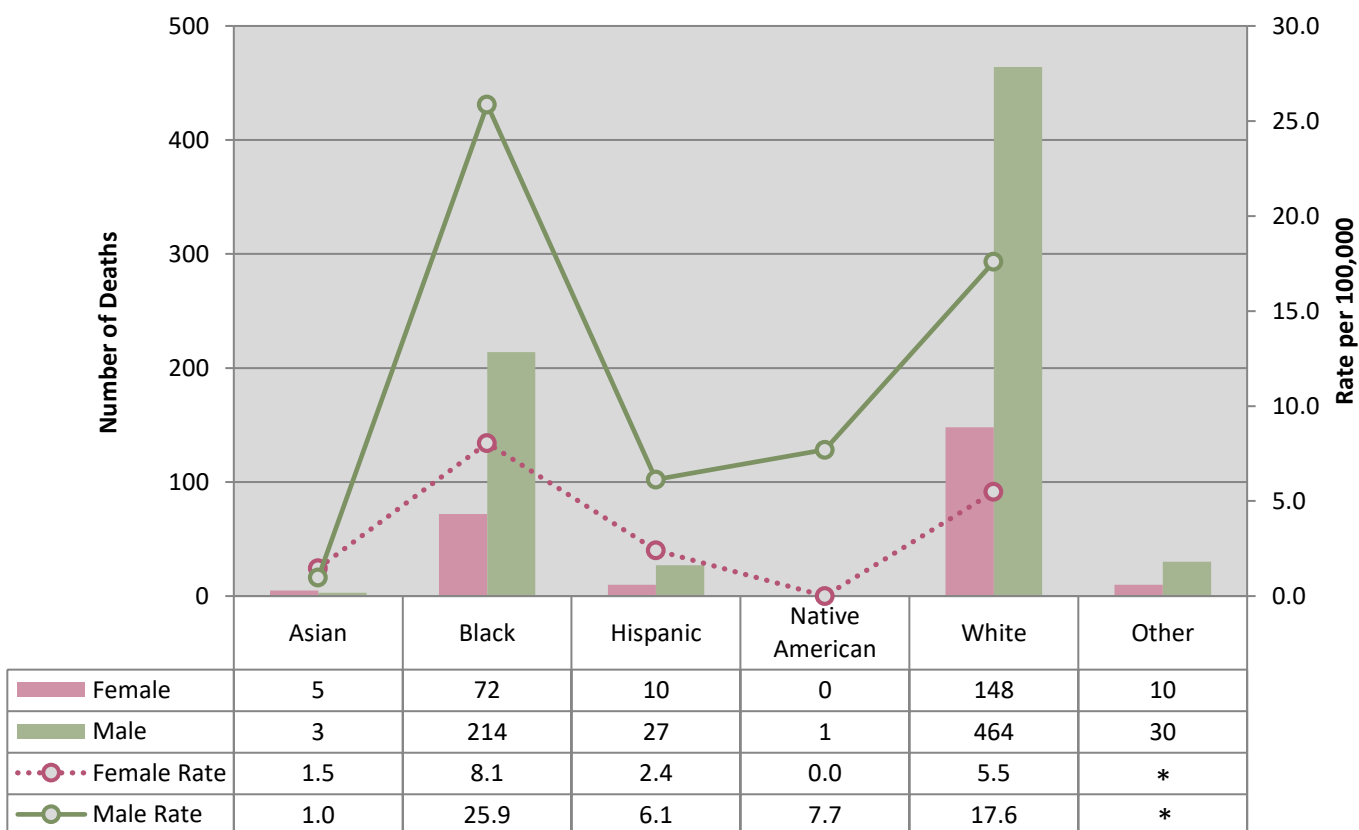
Figure 4.2 Percentage of Motor Vehicle Deaths by Manner, 2020

* Fetal deaths are omitted from manner of death classifications. This is because fetal deaths are not given a certification of live birth in Virginia and thus, do not receive a death certificate. In 2020, the OCME accepted nine fetal deaths under OCME jurisdiction of the 3,411 total fetal deaths reported to Vital Records

Figure 4.3 Number and Rate of Motor Vehicle Deaths by Age Group and Gender, 2020

* No rate can be calculated

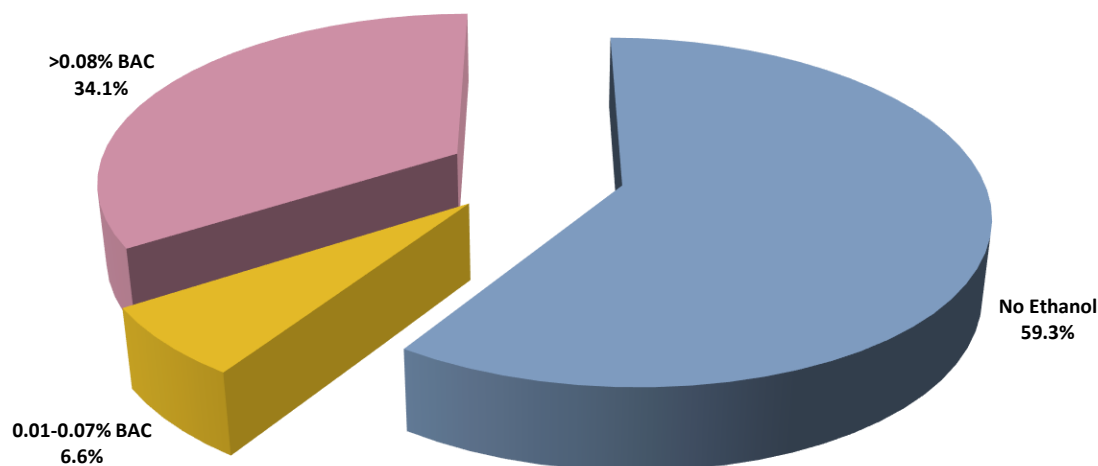
** Fetal deaths are omitted from manner of death classifications. This is because fetal deaths are not given a certification of live birth in Virginia and thus, do not receive a death certificate. In 2020, the OCME accepted nine fetal deaths under OCME jurisdiction of the 3,411 total fetal deaths reported to Vital Records

Figure 4.4 Percentage of Motor Vehicle Deaths by Race/Ethnicity, 2020**Figure 4.5 Number and Rate of Motor Vehicle Deaths by Race/Ethnicity and Gender, 2020**

*No rate can be calculated

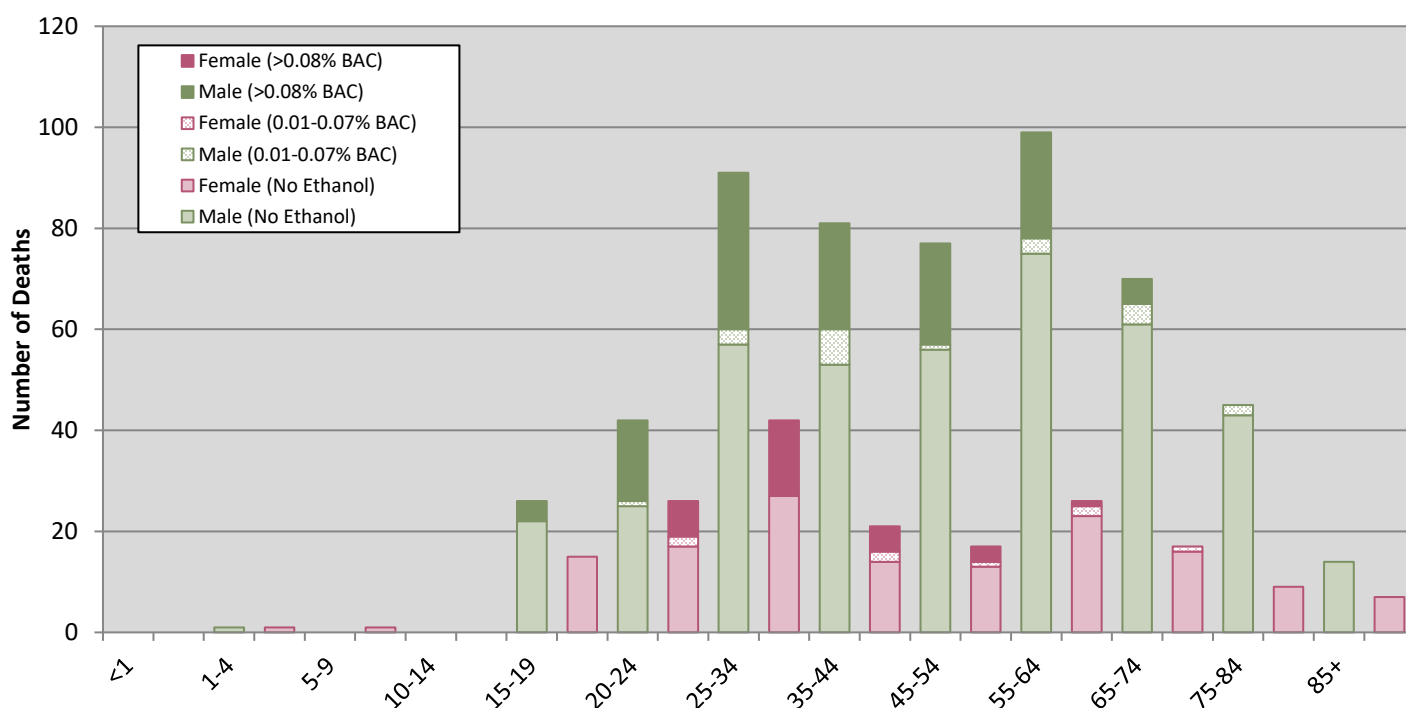
Note: Rates calculated from small case counts (n<5) are considered unreliable and should be interpreted with caution (Asian females and Native American males)

Figure 4.6 Percentage of Motor Vehicle Deaths by Ethanol Amount (N=762), 2020

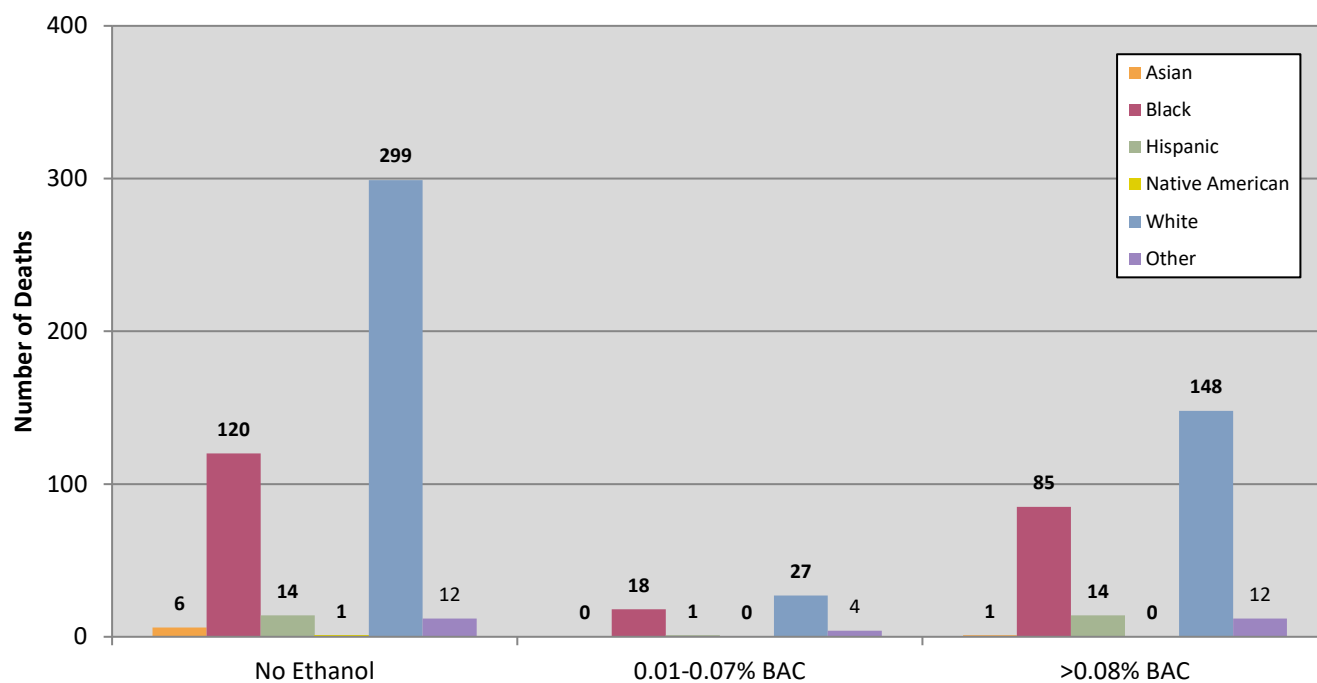


Note: Of the 984 motor vehicle deaths, 22.6% (n=222) did not receive toxicology testing

Figure 4.7 Number of Motor Vehicle Deaths by Age Group, Gender, and Ethanol Amount (N=762), 2020



Note: Of the 984 motor vehicle deaths, 22.6% (n=222) did not receive toxicology testing

Figure 4.8 Number of Motor Vehicle Deaths by Ethanol Level and Race/Ethnicity (N=762), 2020

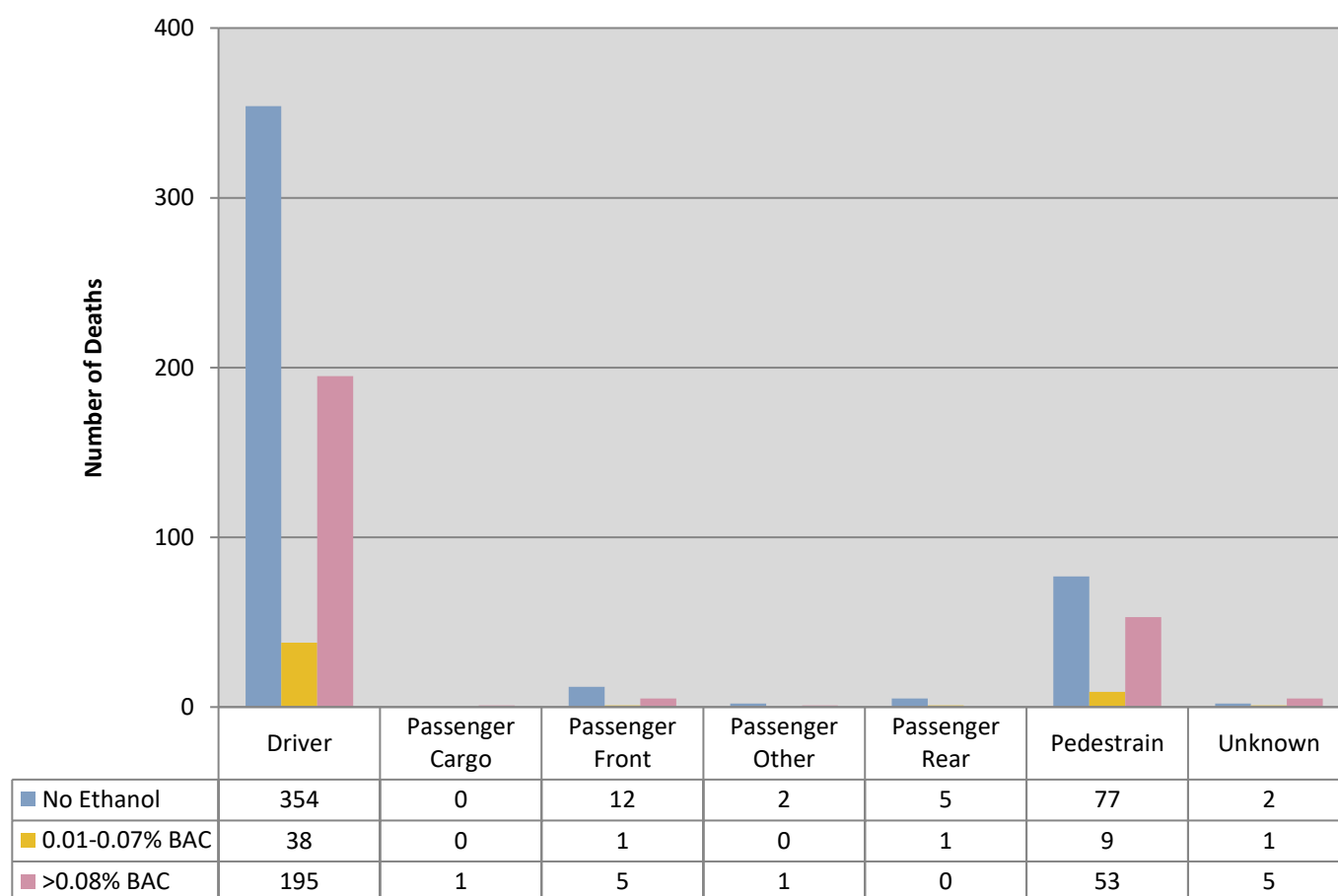
Note: Of the 984 motor vehicle deaths, 22.6% (n=222) did not receive toxicology testing

Table 4.1 Number of Motor Vehicle Deaths by Age Group and Position during Collision, 2020

| Age Group (years) | Driver | Passenger Cargo | Passenger Front | Passenger Other | Passenger Rear | Pedestrian | Unknown | TOTAL |
|-------------------|------------|-----------------|-----------------|-----------------|----------------|------------|-----------|------------|
| <1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 1-4 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 5 |
| 5-9 | 0 | 0 | 1 | 1 | 5 | 1 | 0 | 8 |
| 10-14 | 0 | 0 | 3 | 0 | 6 | 1 | 0 | 10 |
| 15-19 | 28 | 0 | 12 | 1 | 5 | 4 | 1 | 51 |
| 20-24 | 61 | 0 | 12 | 1 | 6 | 13 | 4 | 97 |
| 25-34 | 146 | 1 | 12 | 2 | 4 | 24 | 1 | 190 |
| 35-44 | 91 | 0 | 11 | 1 | 1 | 18 | 3 | 125 |
| 45-54 | 91 | 0 | 12 | 1 | 3 | 27 | 4 | 138 |
| 55-64 | 106 | 0 | 8 | 0 | 1 | 40 | 5 | 160 |
| 65-74 | 81 | 0 | 5 | 0 | 3 | 17 | 3 | 109 |
| 75-84 | 43 | 0 | 7 | 0 | 1 | 8 | 2 | 61 |
| 85+ | 18 | 0 | 4 | 0 | 1 | 4 | 1 | 28 |
| Fetus | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| TOTAL | 665 | 1 | 88 | 7 | 40 | 159 | 24 | 984 |

* Fetal deaths are omitted from manner of death classifications. This is because fetal deaths are not given a certification of live birth in Virginia and thus, do not receive a death certificate. In 2020, the OCME accepted nine fetal deaths under OCME jurisdiction of the 3,411 total fetal deaths reported to Vital Records

**Figure 4.9 Number of Motor Vehicle Deaths by Position during Collision and Ethanol Level
(N=726), 2020**



Note: Of the 984 motor vehicle deaths, 22.6% (n=222) did not receive toxicology testing

Table 4.2 Number of Motor Vehicle Deaths by Position during Collision, Vehicle Type, and Ethanol Level (N=762), 2020

| Position During Collision | Vehicle Type | No Ethanol | 0.01-0.07% BAC | >0.08% BAC | Total |
|---------------------------|------------------------------|------------|----------------|------------|------------|
| Driver | Aircraft | 2 | 0 | 0 | 2 |
| | All Terrain Vehicle | 6 | 3 | 2 | 11 |
| | Bicycle | 7 | 1 | 2 | 10 |
| | Boat | 1 | 0 | 1 | 2 |
| | Car | 149 | 7 | 91 | 247 |
| | Construction Heavy Equipment | 2 | 1 | 0 | 3 |
| | Dump Truck | 1 | 0 | 0 | 1 |
| | Farm Equipment | 3 | 0 | 1 | 4 |
| | Lawnmower | 2 | 0 | 1 | 3 |
| | Mo-ped | 9 | 1 | 3 | 13 |
| | Motorcycle | 48 | 13 | 19 | 80 |
| | Pickup Truck | 45 | 4 | 36 | 85 |
| | Sport Utility Vehicle | 45 | 4 | 31 | 80 |
| | Tractor Trailer | 16 | 2 | 0 | 18 |
| | Train | 1 | 0 | 0 | 1 |
| | Truck Other | 3 | 2 | 1 | 6 |
| | Van | 11 | 0 | 6 | 17 |
| | Unknown | 3 | 0 | 1 | 4 |
| | Subtotal | 354 | 38 | 195 | 587 |
| Passenger Cargo | Van | 0 | 0 | 1 | 1 |
| | Subtotal | 0 | 0 | 1 | 1 |
| Passenger Front | All Terrain Vehicle | 0 | 0 | 1 | 1 |
| | Car | 5 | 1 | 3 | 9 |
| | Pickup Truck | 1 | 0 | 0 | 1 |
| | Sport Utility Vehicle | 5 | 0 | 1 | 6 |
| | Unknown | 1 | 0 | 0 | 1 |
| | Subtotal | 12 | 1 | 5 | 18 |
| Passenger Other | Boat | 0 | 0 | 1 | 1 |
| | Car | 1 | 0 | 0 | 1 |
| | Motorcycle | 1 | 0 | 0 | 1 |
| | Subtotal | 2 | 0 | 1 | 3 |
| Passenger Rear | Car | 2 | 0 | 0 | 2 |
| | Motorcycle | 1 | 0 | 0 | 1 |
| | Multiple | 0 | 1 | 0 | 1 |
| | Sport Utility Vehicle | 2 | 0 | 0 | 2 |
| | Subtotal | 5 | 1 | 0 | 6 |
| Pedestrian | Bicycle | 3 | 0 | 0 | 3 |

| | | | | | |
|----------------|------------------------------|-----------|----------|-----------|------------|
| | Bus | 1 | 0 | 0 | 1 |
| | Car | 24 | 3 | 26 | 53 |
| | Construction Heavy Equipment | 1 | 0 | 0 | 1 |
| | Farm Equipment | 3 | 0 | 0 | 3 |
| | Motorcycle | 1 | 0 | 1 | 2 |
| | Multiple | 0 | 0 | 3 | 3 |
| | Pickup Truck | 9 | 0 | 7 | 16 |
| | Sport Utility Vehicle | 11 | 2 | 6 | 19 |
| | Tractor Trailer | 4 | 0 | 1 | 5 |
| | Train | 6 | 0 | 1 | 7 |
| | Truck Other | 2 | 1 | 1 | 4 |
| | Van | 2 | 0 | 2 | 4 |
| | Wheelchair | 0 | 1 | 0 | 1 |
| | Unknown | 10 | 2 | 5 | 17 |
| | Subtotal | 77 | 9 | 53 | 139 |
| Unknown | Car | 0 | 0 | 2 | 2 |
| | Sport Utility Vehicle | 1 | 0 | 0 | 1 |
| | Unknown | 1 | 1 | 3 | 5 |
| | Subtotal | 2 | 1 | 5 | 8 |

Note: Of the 984 motor vehicle deaths, 22.6% (n=222) did not receive toxicology testing

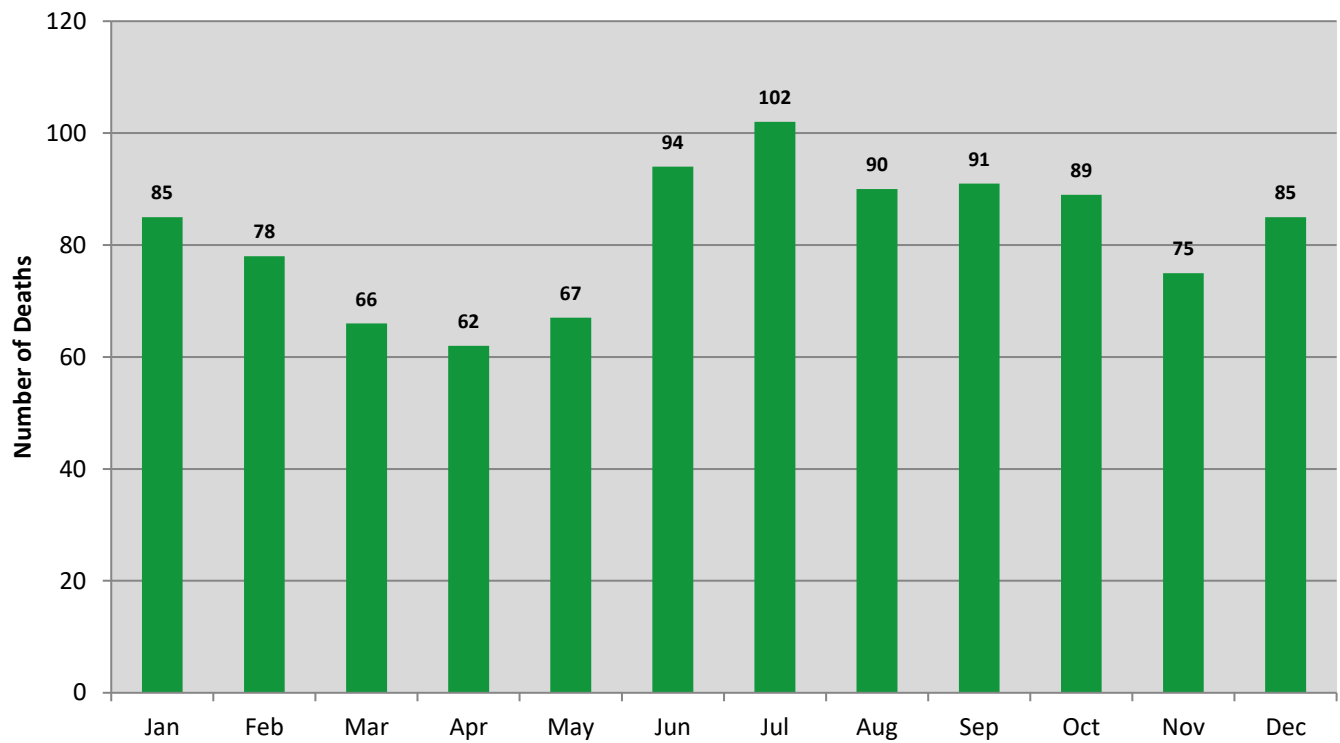
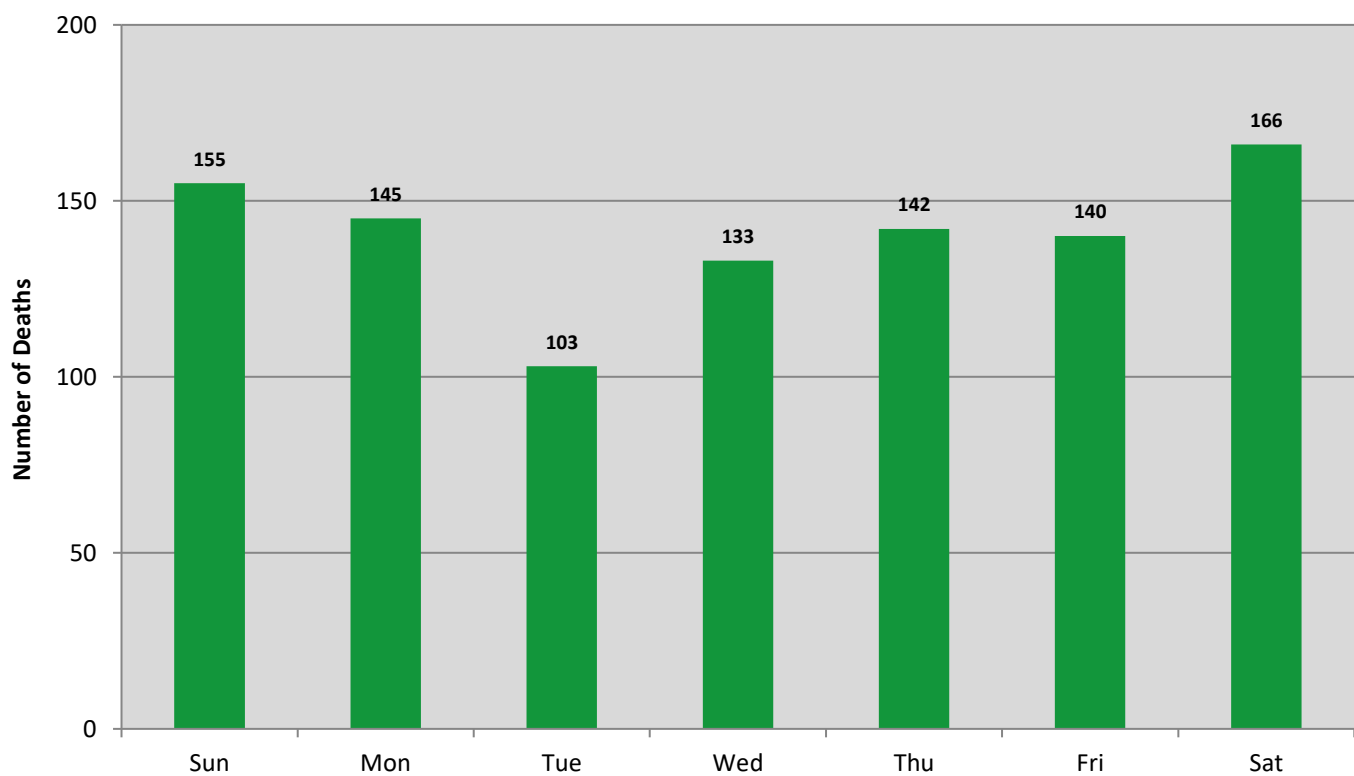
Figure 4.10 Number of OCME Motor Vehicle Fatalities by Month of Death, 2020**Figure 4.11 Number of OCME Motor Vehicle Fatalities by Day of Week, 2020**

Table 4.3 Number and Rate of Motor Vehicle Deaths by Locality of Residence, 2020

| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Accomack County | 5 | 15.5 |
| Albemarle County | 9 | 8.1 |
| Alexandria City | 5 | 3.2 |
| Alleghany County | 0 | 0.0 |
| Amelia County | 6 | 46.1 |
| Amherst County | 4 | 12.6 |
| Appomattox County | 0 | 0.0 |
| Arlington County | 4 | 1.7 |
| Augusta County | 14 | 18.3 |
| Bath County | 2 | 48.6 |
| Bedford County | 8 | 10.0 |
| Bland County | 1 | 16.0 |
| Botetourt County | 1 | 3.0 |
| Bristol City | 0 | 0.0 |
| Brunswick County | 2 | 12.5 |
| Buchanan County | 2 | 9.7 |
| Buckingham County | 7 | 40.8 |
| Buena Vista City | 0 | 0.0 |
| Campbell County | 8 | 14.5 |
| Caroline County | 5 | 16.2 |
| Carroll County | 5 | 16.6 |
| Charles City County | 2 | 29.3 |
| Charlotte County | 5 | 42.3 |
| Charlottesville City | 7 | 14.9 |
| Chesapeake City | 17 | 6.9 |
| Chesterfield County | 43 | 12.0 |
| Clarke County | 1 | 6.8 |
| Colonial Heights City | 2 | 11.6 |
| Covington City | 3 | 53.2 |
| Craig County | 2 | 39.4 |
| Culpeper County | 8 | 14.9 |
| Cumberland County | 2 | 20.1 |
| Danville City | 6 | 15.0 |
| Dickenson County | 3 | 21.3 |
| Dinwiddie County | 5 | 17.4 |
| Emporia City | 3 | 57.1 |
| Essex County | 2 | 18.3 |
| Fairfax City | 1 | 4.3 |
| Fairfax County | 38 | 3.3 |

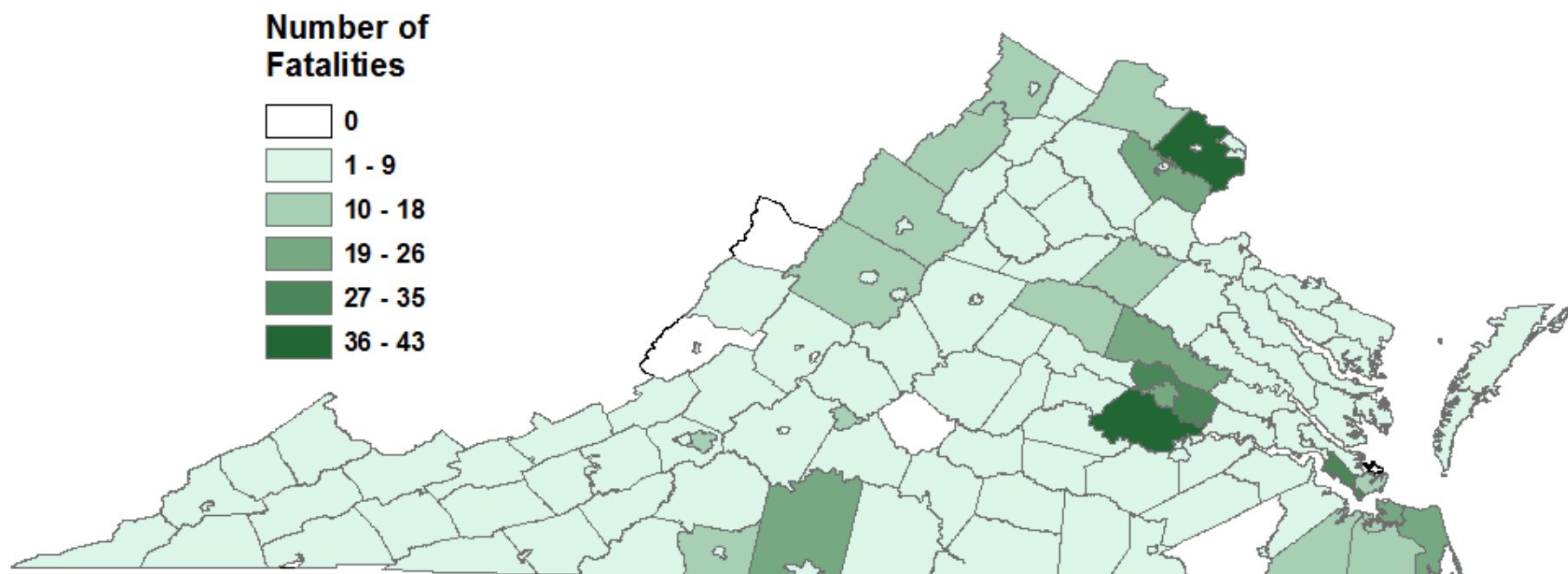
| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Falls Church City | 2 | 13.7 |
| Fauquier County | 5 | 7.0 |
| Floyd County | 2 | 12.7 |
| Fluvanna County | 5 | 18.2 |
| Franklin City | 3 | 38.3 |
| Franklin County | 7 | 12.5 |
| Frederick County | 11 | 12.1 |
| Fredericksburg City | 3 | 10.2 |
| Galax City | 2 | 31.8 |
| Giles County | 3 | 18.0 |
| Gloucester County | 1 | 2.7 |
| Goochland County | 4 | 16.4 |
| Grayson County | 1 | 6.5 |
| Greene County | 1 | 5.0 |
| Greensville County | 1 | 8.9 |
| Halifax County | 5 | 14.9 |
| Hampton City | 15 | 11.1 |
| Hanover County | 18 | 16.6 |
| Harrisonburg City | 4 | 7.5 |
| Henrico County | 27 | 8.1 |
| Henry County | 14 | 27.8 |
| Highland County | 0 | 0.0 |
| Hopewell City | 5 | 22.3 |
| Isle of Wight County | 5 | 13.3 |
| James City County | 7 | 9.0 |
| King and Queen County | 3 | 43.2 |
| King George County | 3 | 11.0 |
| King William County | 4 | 22.7 |
| Lancaster County | 2 | 18.8 |
| Lee County | 5 | 21.5 |
| Lexington City | 3 | 41.2 |
| Loudoun County | 10 | 2.4 |
| Louisa County | 11 | 28.8 |
| Lunenburg County | 2 | 16.3 |
| Lynchburg City | 16 | 19.6 |
| Madison County | 5 | 37.6 |
| Manassas City | 2 | 4.9 |
| Manassas Park City | 0 | 0.0 |
| Martinsville City | 8 | 64.8 |

| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Mathews County | 2 | 22.8 |
| Mecklenburg County | 4 | 13.0 |
| Middlesex County | 5 | 47.3 |
| Montgomery County | 9 | 9.1 |
| Nelson County | 4 | 27.1 |
| New Kent County | 5 | 21.1 |
| Newport News City | 28 | 15.6 |
| Norfolk City | 21 | 8.6 |
| Northampton County | 5 | 42.8 |
| Northumberland County | 5 | 41.4 |
| Norton City | 1 | 25.1 |
| Nottoway County | 4 | 26.4 |
| Orange County | 6 | 15.9 |
| Page County | 4 | 16.7 |
| Patrick County | 7 | 40.0 |
| Petersburg City | 9 | 29.6 |
| Pittsylvania County | 18 | 30.1 |
| Poquoson City | 0 | 0.0 |
| Portsmouth City | 11 | 11.6 |
| Powhatan County | 5 | 16.6 |
| Prince Edward County | 7 | 30.4 |
| Prince George County | 4 | 10.3 |
| Prince William County | 25 | 5.3 |
| Pulaski County | 4 | 11.8 |
| Radford City | 1 | 5.5 |
| Rappahannock County | 2 | 27.5 |
| Richmond City | 24 | 10.3 |
| Richmond County | 3 | 33.1 |
| Roanoke City | 17 | 17.2 |
| Roanoke County | 9 | 9.5 |
| Rockbridge County | 3 | 13.2 |
| Rockingham County | 13 | 15.8 |
| Russell County | 8 | 30.0 |
| Salem City | 1 | 3.9 |
| Scott County | 1 | 4.6 |
| Shenandoah County | 10 | 22.8 |
| Smyth County | 8 | 26.6 |
| Southampton County | 0 | 0.0 |
| Spotsylvania County | 16 | 11.6 |
| Stafford County | 6 | 3.8 |
| Staunton City | 2 | 7.9 |

| Locality of Residence | Deaths | Rate |
|--------------------------------|------------|-------------|
| Suffolk City | 10 | 10.6 |
| Surry County | 4 | 62.6 |
| Sussex County | 7 | 64.1 |
| Tazewell County | 5 | 12.3 |
| Virginia Beach City | 25 | 5.5 |
| Warren County | 4 | 9.9 |
| Washington County | 5 | 9.3 |
| Waynesboro City | 1 | 4.4 |
| Westmoreland County | 5 | 27.5 |
| Williamsburg City | 2 | 13.1 |
| Winchester City | 2 | 7.2 |
| Wise County | 5 | 13.4 |
| Wythe County | 2 | 7.0 |
| York County | 7 | 10.1 |
| <i>Subtotal (in-state)</i> | 864 | 10.1 |
| Out of State | 113 | ND |
| Unknown | 7 | ND |
| <i>Subtotal (out-of-state)</i> | 120 | ND |
| TOTAL | 984 | 11.5 |

Note: No denominator is represented by ND

Map 4.1 Number of Motor Vehicle Fatalities by Locality of Residence, 2020



Map 4.2 Rate of Motor Vehicle Fatalities by Locality of Residence, 2020

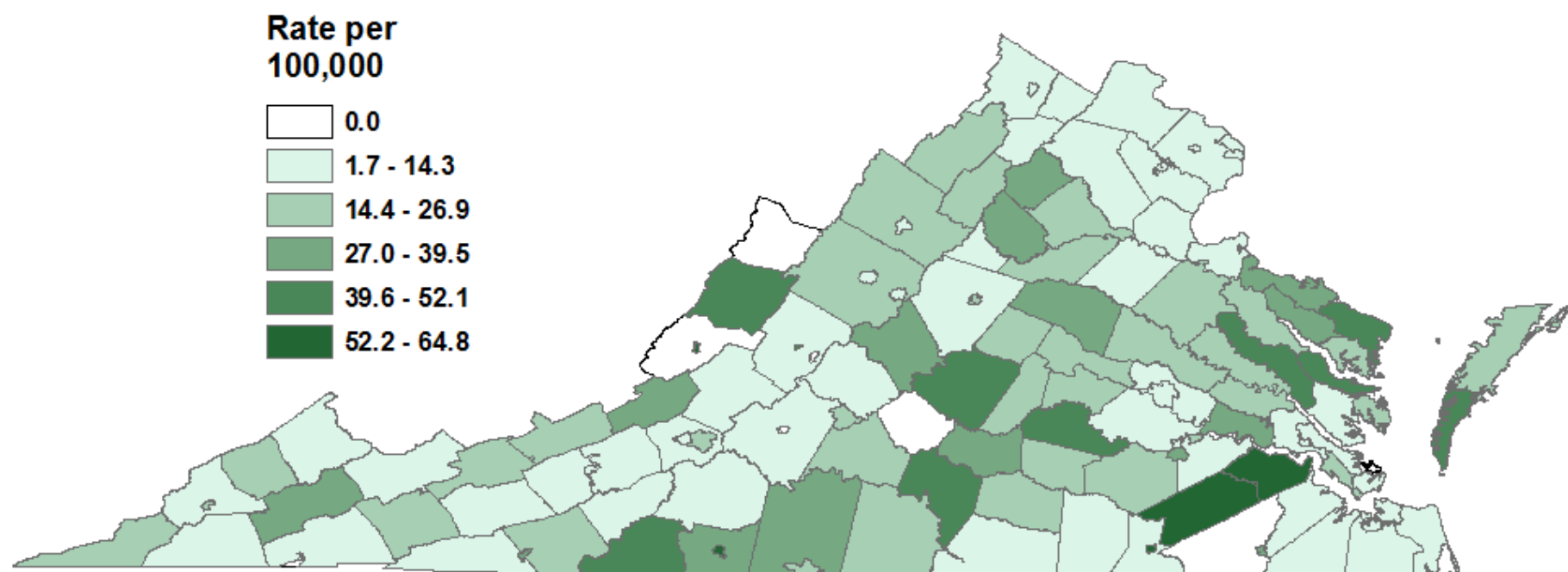


Table 4.4 Number and Rate of Motor Vehicle Deaths by Locality of Injury, 2020

| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Accomack County | 7 | 21.7 |
| Albemarle County | 15 | 13.6 |
| Alexandria City | 3 | 1.9 |
| Alleghany County | 1 | 6.8 |
| Amelia County | 6 | 46.1 |
| Amherst County | 4 | 12.6 |
| Appomattox County | 2 | 12.5 |
| Arlington County | 4 | 1.7 |
| Augusta County | 14 | 18.3 |
| Bath County | 2 | 48.6 |
| Bedford County | 12 | 15.0 |
| Bland County | 3 | 48.1 |
| Botetourt County | 6 | 17.8 |
| Bristol City | 0 | 0.0 |
| Brunswick County | 7 | 43.6 |
| Buchanan County | 1 | 4.9 |
| Buckingham County | 7 | 40.8 |
| Buena Vista City | 0 | 0.0 |
| Campbell County | 8 | 14.5 |
| Caroline County | 8 | 25.9 |
| Carroll County | 8 | 26.6 |
| Charles City County | 4 | 58.6 |
| Charlotte County | 4 | 33.8 |
| Charlottesville City | 7 | 14.9 |
| Chesapeake City | 14 | 5.7 |
| Chesterfield County | 39 | 10.9 |
| Clarke County | 3 | 20.5 |
| Colonial Heights City | 0 | 0.0 |
| Covington City | 2 | 35.5 |
| Craig County | 1 | 19.7 |
| Culpeper County | 10 | 18.7 |
| Cumberland County | 3 | 30.2 |
| Danville City | 9 | 22.6 |
| Dickenson County | 3 | 21.3 |
| Dinwiddie County | 5 | 17.4 |
| Emporia City | 0 | 0.0 |
| Essex County | 1 | 9.1 |
| Fairfax City | 1 | 4.3 |
| Fairfax County | 48 | 4.2 |
| Falls Church City | 0 | 0.0 |
| Fauquier County | 10 | 14.0 |
| Floyd County | 3 | 19.0 |
| Fluvanna County | 4 | 14.6 |

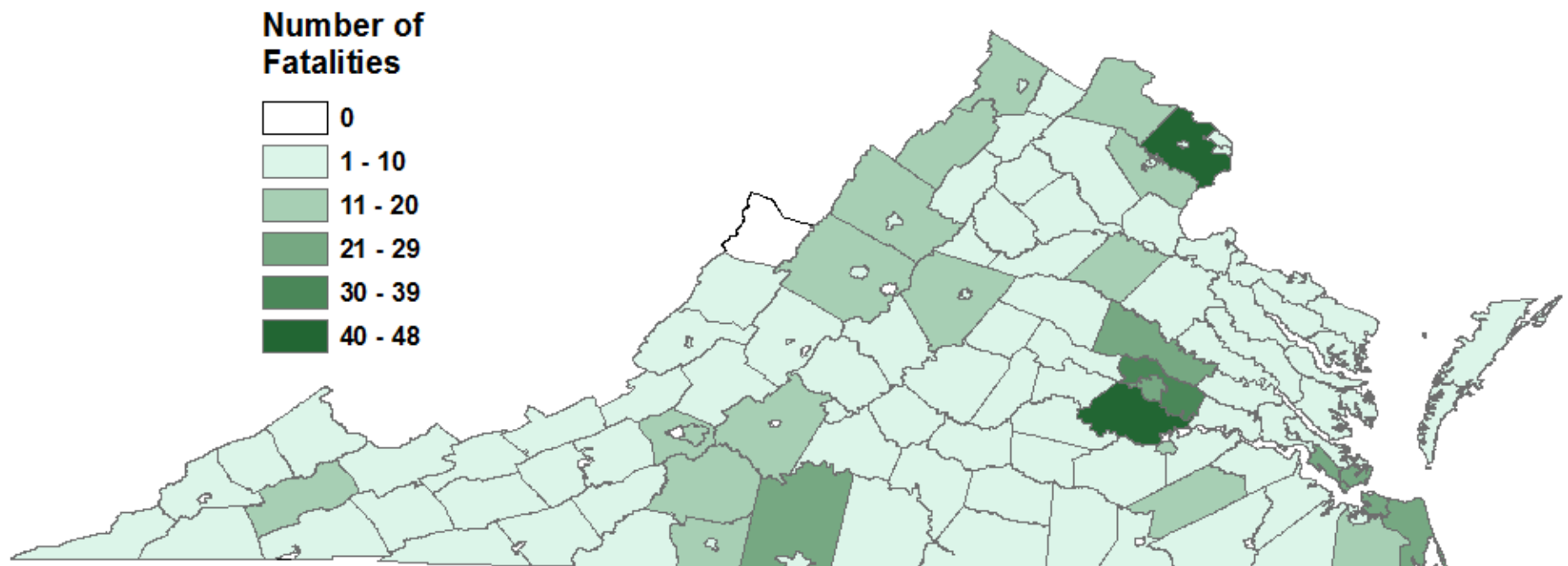
| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Franklin City | 0 | 0.0 |
| Franklin County | 11 | 19.6 |
| Frederick County | 14 | 15.4 |
| Fredericksburg City | 3 | 10.2 |
| Galax City | 0 | 0.0 |
| Giles County | 6 | 36.0 |
| Gloucester County | 6 | 16.0 |
| Goochland County | 2 | 8.2 |
| Grayson County | 1 | 6.5 |
| Greene County | 2 | 9.9 |
| Greensville County | 4 | 35.5 |
| Halifax County | 5 | 14.9 |
| Hampton City | 22 | 16.2 |
| Hanover County | 21 | 19.4 |
| Harrisonburg City | 3 | 5.6 |
| Henrico County | 37 | 11.1 |
| Henry County | 14 | 27.8 |
| Highland County | 0 | 0.0 |
| Hopewell City | 0 | 0.0 |
| Isle of Wight County | 7 | 18.6 |
| James City County | 8 | 10.3 |
| King and Queen County | 5 | 72.0 |
| King George County | 3 | 11.0 |
| King William County | 4 | 22.7 |
| Lancaster County | 1 | 9.4 |
| Lee County | 4 | 17.2 |
| Lexington City | 1 | 13.7 |
| Loudoun County | 15 | 3.5 |
| Louisa County | 7 | 18.4 |
| Lunenburg County | 3 | 24.5 |
| Lynchburg City | 9 | 11.0 |
| Madison County | 4 | 30.0 |
| Manassas City | 1 | 2.4 |
| Manassas Park City | 0 | 0.0 |
| Martinsville City | 4 | 32.4 |
| Mathews County | 2 | 22.8 |
| Mecklenburg County | 4 | 13.0 |
| Middlesex County | 5 | 47.3 |
| Montgomery County | 10 | 10.2 |
| Nelson County | 7 | 47.4 |
| New Kent County | 7 | 29.6 |
| Newport News City | 28 | 15.6 |
| Norfolk City | 26 | 10.7 |

| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Northampton County | 3 | 25.7 |
| Northumberland County | 4 | 33.1 |
| Norton City | 0 | 0.0 |
| Nottoway County | 5 | 33.0 |
| Orange County | 7 | 18.6 |
| Page County | 4 | 16.7 |
| Patrick County | 5 | 28.6 |
| Petersburg City | 12 | 39.4 |
| Pittsylvania County | 20 | 33.4 |
| Poquoson City | 1 | 8.2 |
| Portsmouth City | 8 | 8.4 |
| Powhatan County | 4 | 13.3 |
| Prince Edward County | 5 | 21.7 |
| Prince George County | 3 | 7.8 |
| Prince William County | 18 | 3.8 |
| Pulaski County | 7 | 20.6 |
| Radford City | 0 | 0.0 |
| Rappahannock County | 4 | 55.1 |
| Richmond City | 29 | 12.5 |
| Richmond County | 2 | 22.0 |
| Roanoke City | 16 | 16.2 |
| Roanoke County | 13 | 13.8 |
| Rockbridge County | 2 | 8.8 |
| Rockingham County | 19 | 23.1 |
| Russell County | 11 | 41.3 |
| Salem City | 0 | 0.0 |
| Scott County | 3 | 13.9 |
| Shenandoah County | 11 | 25.1 |

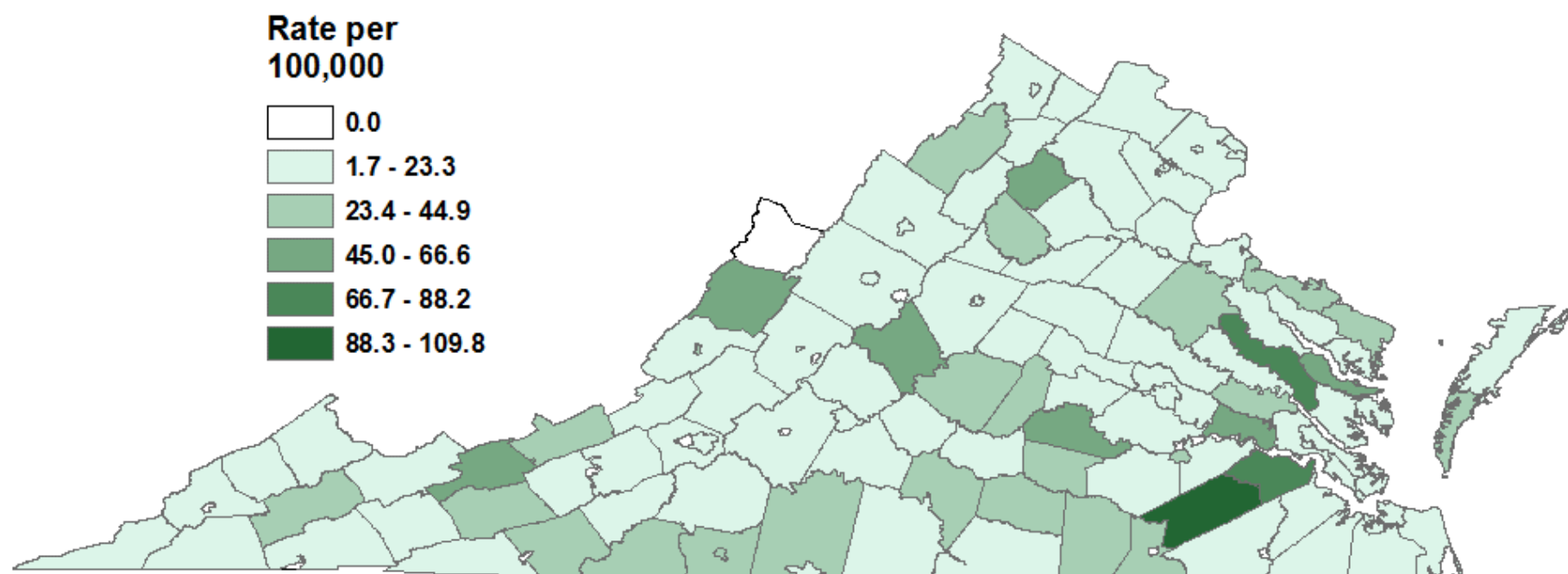
| Locality of Injury | Deaths | Rate |
|--------------------------------|------------|-------------|
| Smyth County | 5 | 16.6 |
| Southampton County | 2 | 11.3 |
| Spotsylvania County | 14 | 10.1 |
| Stafford County | 7 | 4.5 |
| Staunton City | 3 | 11.9 |
| Suffolk City | 9 | 9.6 |
| Surry County | 5 | 78.3 |
| Sussex County | 12 | 109.8 |
| Tazewell County | 7 | 17.3 |
| Virginia Beach City | 28 | 6.2 |
| Warren County | 1 | 2.5 |
| Washington County | 7 | 13.0 |
| Waynesboro City | 0 | 0.0 |
| Westmoreland County | 7 | 38.6 |
| Williamsburg City | 2 | 13.1 |
| Winchester City | 2 | 7.2 |
| Wise County | 3 | 8.1 |
| Wythe County | 10 | 34.9 |
| York County | 8 | 11.6 |
| <i>Subtotal (in-state)</i> | 953 | 11.1 |
| Out of State | 24 | ND |
| Unknown | 7 | ND |
| <i>Subtotal (out-of-state)</i> | 31 | ND |
| TOTAL | 984 | 11.5 |

Note: No denominator is represented by ND

Map 4.3 Number of Motor Vehicle Fatalities by Locality of Injury, 2020



Map 4.4 Rate of Motor Vehicle Fatalities by Locality of Injury, 2020



SECTION 5: DRUG/POISON DEATHS (N=2,309)

ALL DRUG/POISON DEATHS (N=2,309)

The number of fatal drug overdoses in 2020 increased 41.8% compared to 2019. The number of fatal drug overdoses in 2020 was also the largest number ever seen in Virginia.

- The 2020 rate of drug/poison deaths that occurred in Virginia was 26.9 per 100,000 persons
- The majority were accidents (93.9%), male (67.6%), White (68.3%), and 35-44 year old (27.0%)
- Illicit opioids like heroin and illicit fentanyl have the highest mortality rates in urban localities like Central and Eastern Virginia, whereas prescription opioids have the highest mortality rates in rural areas of the state like the Western region of Virginia
- Black males followed second by White males had the highest rates of fatal overdoses, all substances in 2020 (52.3 and 38.7 per 100,000, respectively)

Figure 5.1 Number and Rate of Fatal Drug/Poison Overdoses by Year of Death, 1999-2020

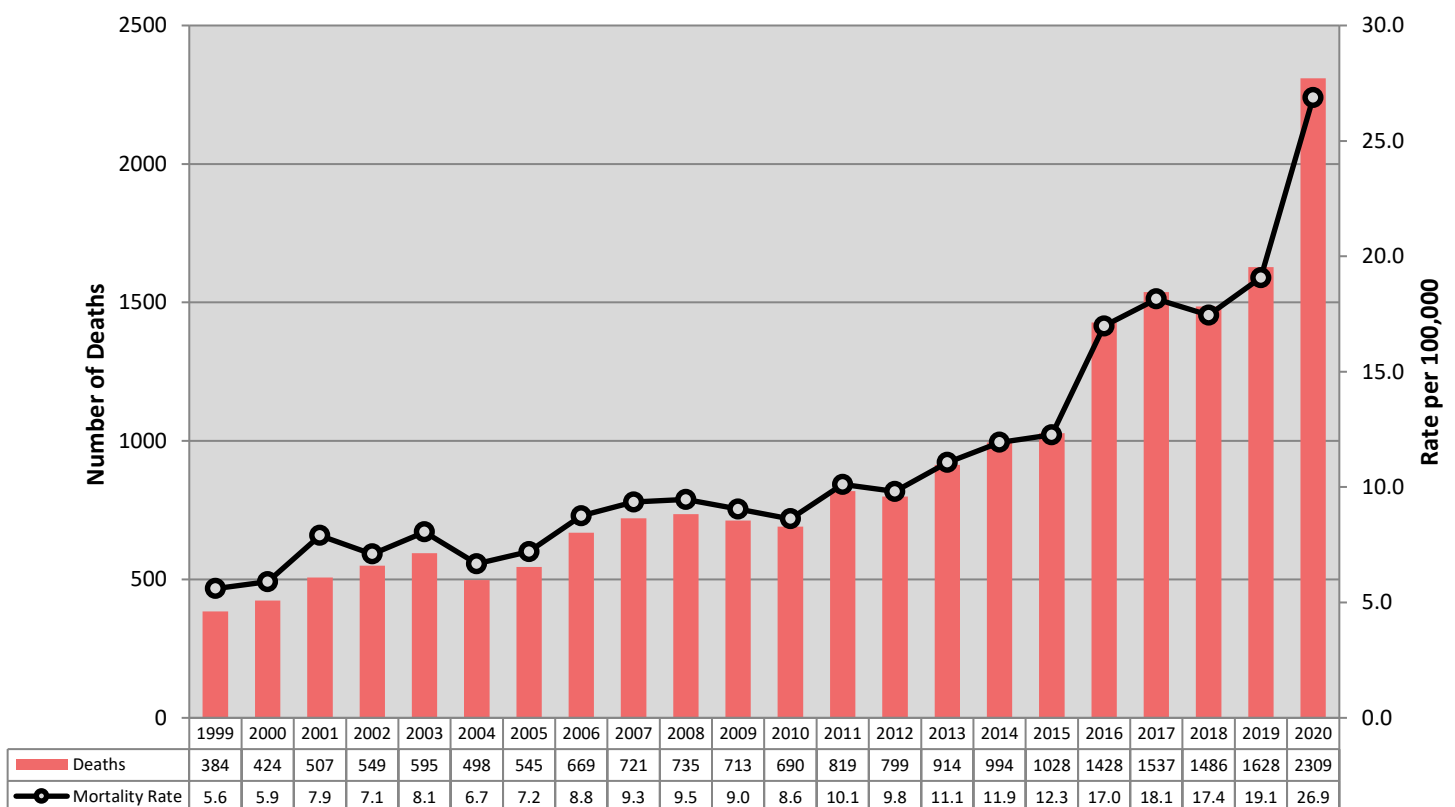


Table 5.1 Number and Percentage of Fatal Drug/Poison Overdoses by OCME District, 2020

| OCME District | Number | Percentage |
|---------------|-------------|---------------|
| Central | 739 | 32.0% |
| Northern | 501 | 21.7% |
| Tidewater | 560 | 24.3% |
| Western | 509 | 22.0% |
| TOTAL | 2309 | 100.0% |

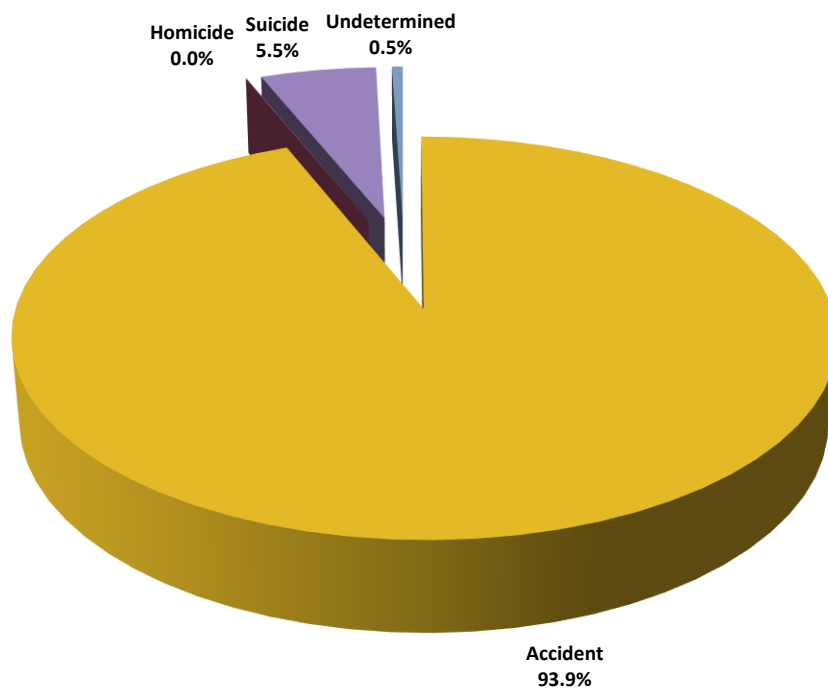
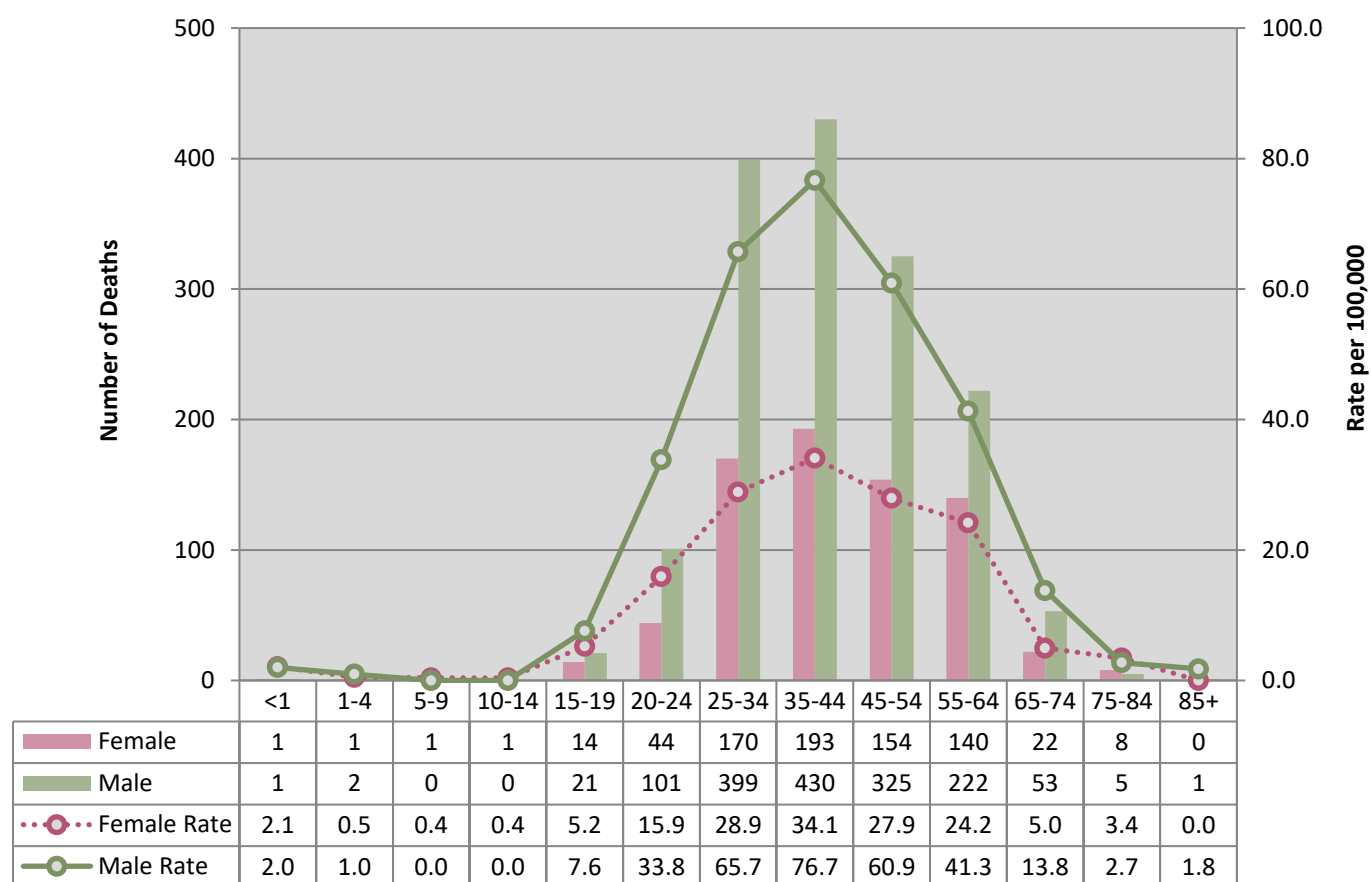
Figure 5.2 Percentage of Fatal Drug/Poison Overdoses by Manner of Death, 2020

Figure 5.3 Number and Rate of Fatal Drug/Poison Overdoses by Age Group and Gender, 2020**Table 5.2 Number of Fatal Drug/Poison Overdoses by Age Group and Manner of Death, 2020**

| Age Group (years) | Accident | Homicide | Suicide | Undetermined | Total |
|-------------------|-------------|----------|------------|--------------|-------------|
| <1 | 2 | 0 | 0 | 0 | 2 |
| 1-4 | 1 | 1 | 0 | 1 | 3 |
| 5-9 | 0 | 0 | 0 | 1 | 1 |
| 10-14 | 1 | 0 | 0 | 0 | 1 |
| 15-19 | 29 | 0 | 6 | 0 | 35 |
| 20-24 | 138 | 0 | 7 | 0 | 145 |
| 25-34 | 543 | 0 | 21 | 5 | 569 |
| 35-44 | 598 | 0 | 22 | 3 | 623 |
| 45-54 | 459 | 0 | 20 | 0 | 479 |
| 55-64 | 332 | 0 | 29 | 1 | 362 |
| 65-74 | 60 | 0 | 15 | 0 | 75 |
| 75-84 | 5 | 0 | 7 | 1 | 13 |
| 85+ | 0 | 0 | 1 | 0 | 1 |
| Total | 2168 | 1 | 128 | 12 | 2309 |

Figure 5.4 Percentage of Fatal Drug/Poison Overdoses by Race/Ethnicity, 2020

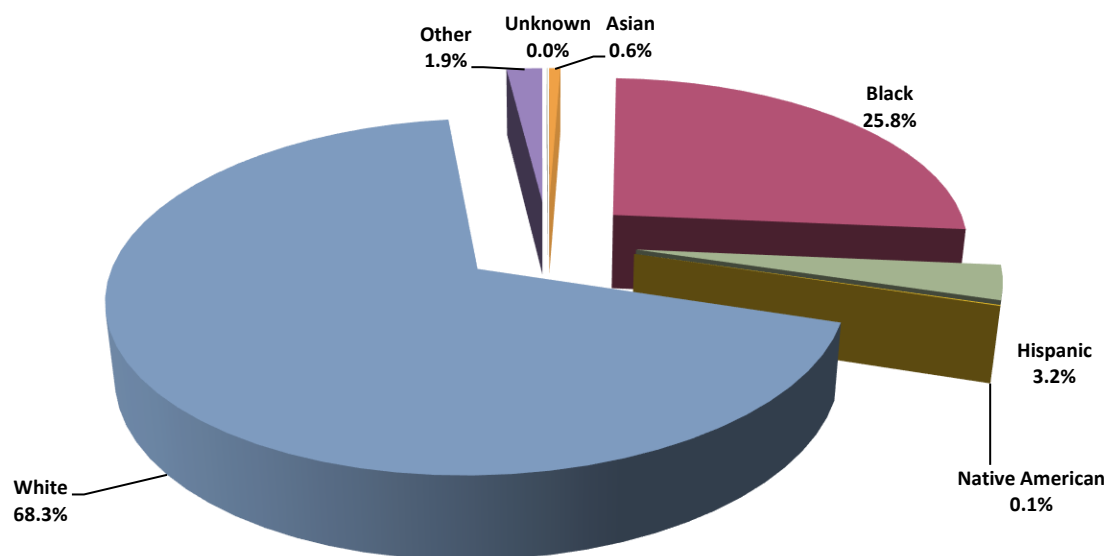
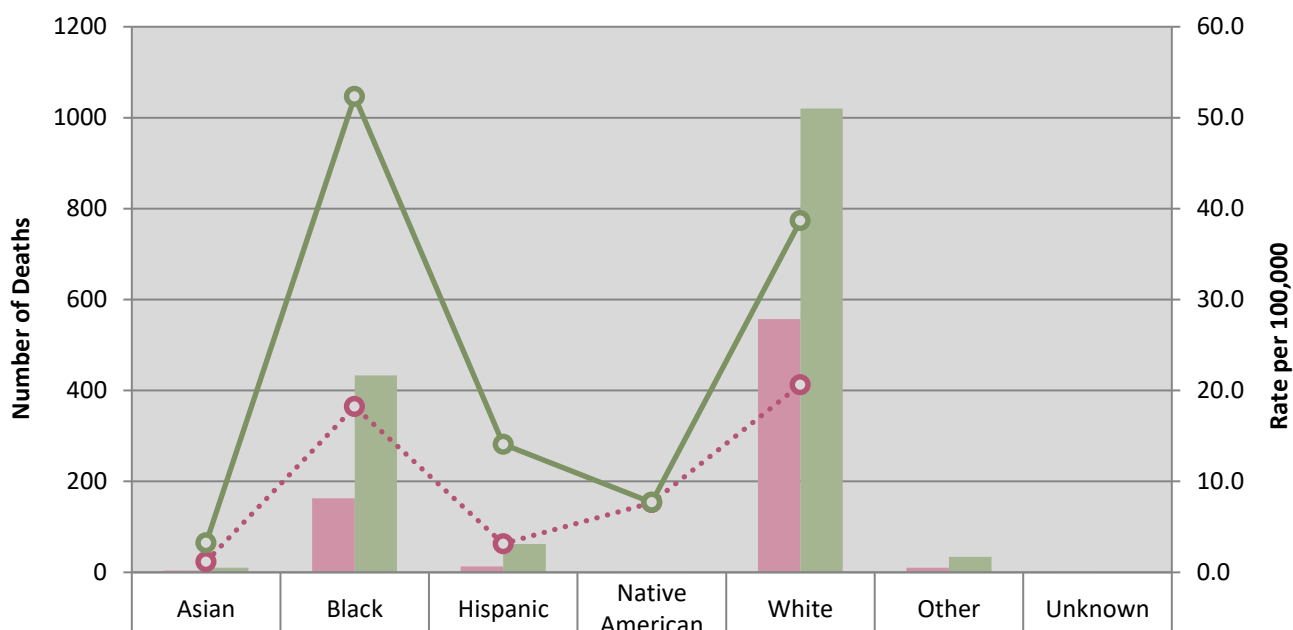


Figure 5.5 Number and Rate of Fatal Drug/Poison Overdoses by Race/Ethnicity and Gender, 2020



| | | | | | | | |
|-------------|-----|------|------|-----|------|----|---|
| Female | 4 | 163 | 13 | 1 | 557 | 10 | 1 |
| Male | 10 | 433 | 62 | 1 | 1020 | 34 | 0 |
| Female Rate | 1.2 | 18.2 | 3.1 | 7.7 | 20.6 | * | * |
| Male Rate | 3.2 | 52.3 | 14.1 | 7.7 | 38.7 | * | * |

*No rate can be calculated

Note: Rates calculated from small case counts (n<5) are considered unreliable and should be interpreted with caution (Asian males and Native Americans)

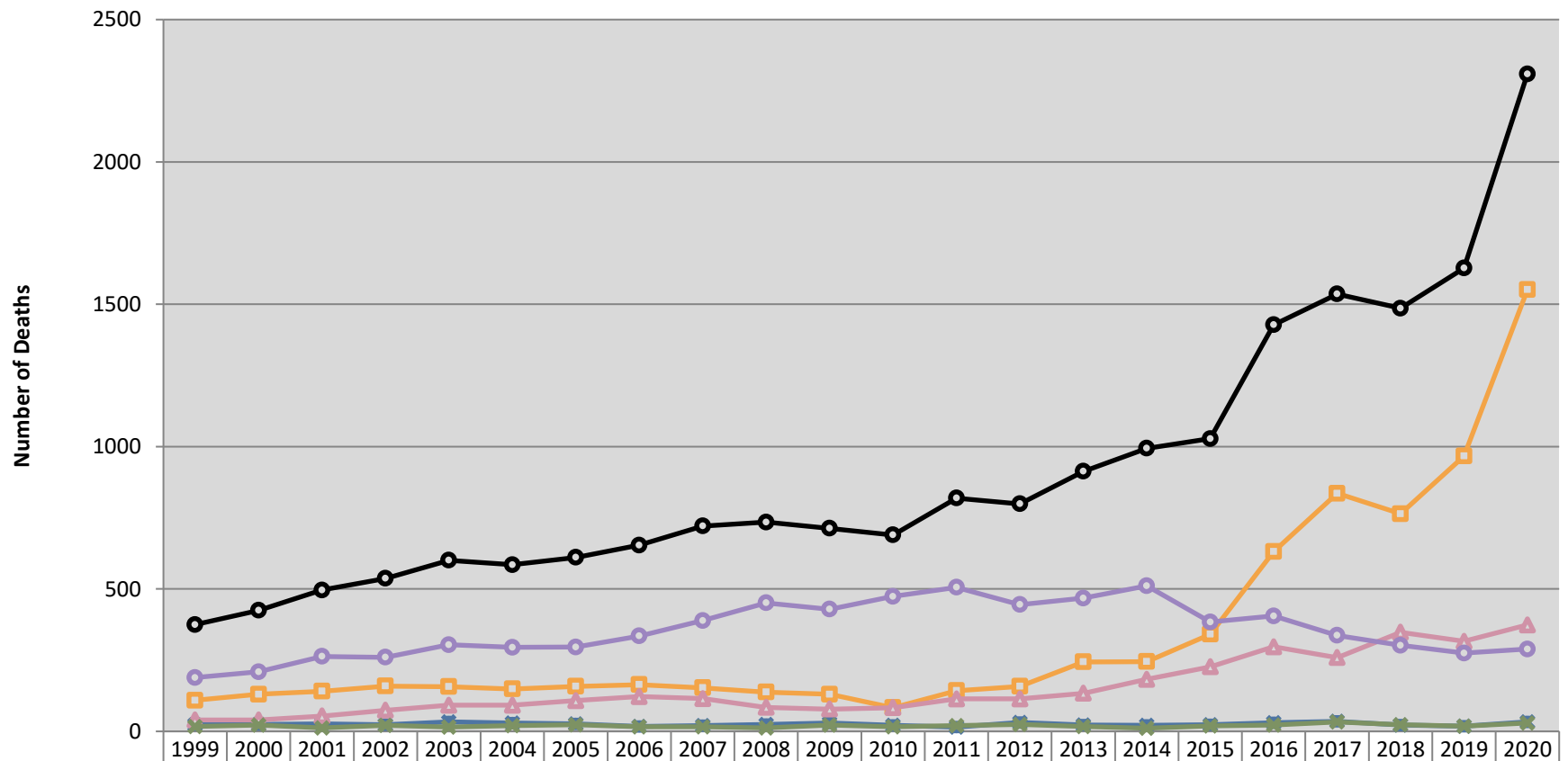
Table 5.3 Number of Fatal Drug/Poison Overdoses by OCME District and Cause of Death, 2020

| Cause of Death | Central | Northern | Tidewater | Western | Total |
|------------------------------------|------------|------------|------------|------------|-------------|
| Illegal (street) drug poisoning | 586 | 363 | 278 | 324 | 1551 |
| Mixed drug category | 73 | 90 | 143 | 68 | 374 |
| Prescription drug poisoning | 53 | 29 | 109 | 98 | 289 |
| Ethanol poisoning | 14 | 5 | 13 | 1 | 33 |
| Over the counter drug poisoning | 6 | 7 | 6 | 10 | 29 |
| Drug type not specified | 2 | 3 | 9 | 3 | 17 |
| Inhalant poisoning | 2 | 3 | 0 | 3 | 8 |
| Other poisons (heavy metals, etc.) | 2 | 1 | 2 | 2 | 7 |
| Ethylene glycol poisoning | 1 | 0 | 0 | 0 | 1 |
| Total | 739 | 501 | 560 | 509 | 2309 |

Table 5.4 Number of Fatal Drug/Poison Overdoses Manner and Cause of Death, 2020

| Cause of Death | Accident | Homicide | Suicide | Undetermined | Total |
|------------------------------------|-------------|----------|------------|--------------|-------------|
| Illegal (street) drug poisoning | 1546 | 0 | 3 | 2 | 1551 |
| Mixed drug category | 359 | 0 | 13 | 2 | 374 |
| Prescription drug poisoning | 201 | 1 | 80 | 7 | 289 |
| Ethanol poisoning | 31 | 0 | 1 | 1 | 33 |
| Over the counter drug poisoning | 10 | 0 | 19 | 0 | 29 |
| Drug type not specified | 13 | 0 | 4 | 0 | 17 |
| Inhalant poisoning | 8 | 0 | 0 | 0 | 8 |
| Other poisons (heavy metals, etc.) | 0 | 0 | 7 | 0 | 7 |
| Ethylene glycol poisoning | 0 | 0 | 1 | 0 | 1 |
| Total | 2168 | 1 | 128 | 12 | 2309 |

Figure 5.6 Number of Fatal Drug/Poison Overdoses by Drug Category and Year of Death, 1999-2020



| | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| —■— Ethanol | 23 | 24 | 26 | 23 | 33 | 29 | 26 | 17 | 20 | 24 | 29 | 21 | 15 | 31 | 22 | 21 | 23 | 30 | 35 | 22 | 18 | 33 |
| —■— Illegal | 109 | 130 | 141 | 159 | 157 | 149 | 158 | 164 | 153 | 138 | 130 | 83 | 143 | 158 | 244 | 245 | 341 | 631 | 836 | 764 | 967 | 1551 |
| —▲— Mixed | 40 | 40 | 54 | 74 | 92 | 92 | 108 | 122 | 115 | 84 | 78 | 83 | 114 | 114 | 134 | 183 | 227 | 297 | 259 | 348 | 316 | 374 |
| —×— OTC | 17 | 22 | 12 | 21 | 15 | 20 | 23 | 16 | 16 | 12 | 22 | 16 | 20 | 24 | 17 | 11 | 19 | 22 | 33 | 23 | 18 | 29 |
| —○— Prescription | 189 | 209 | 263 | 260 | 304 | 295 | 296 | 335 | 389 | 451 | 429 | 474 | 506 | 445 | 468 | 511 | 384 | 405 | 337 | 302 | 275 | 289 |
| —●— All Drug Deaths | 375 | 425 | 496 | 537 | 601 | 585 | 611 | 654 | 721 | 735 | 713 | 690 | 819 | 799 | 913 | 994 | 1028 | 1428 | 1536 | 1486 | 1627 | 2309 |

Note: all other categories of fatal drug overdose were excluded from this analysis because of low annual case counts (<20 deaths)

Figure 5.7 Number of Fatal Drug/Poison Overdoses by Drug Category and Gender, 2020

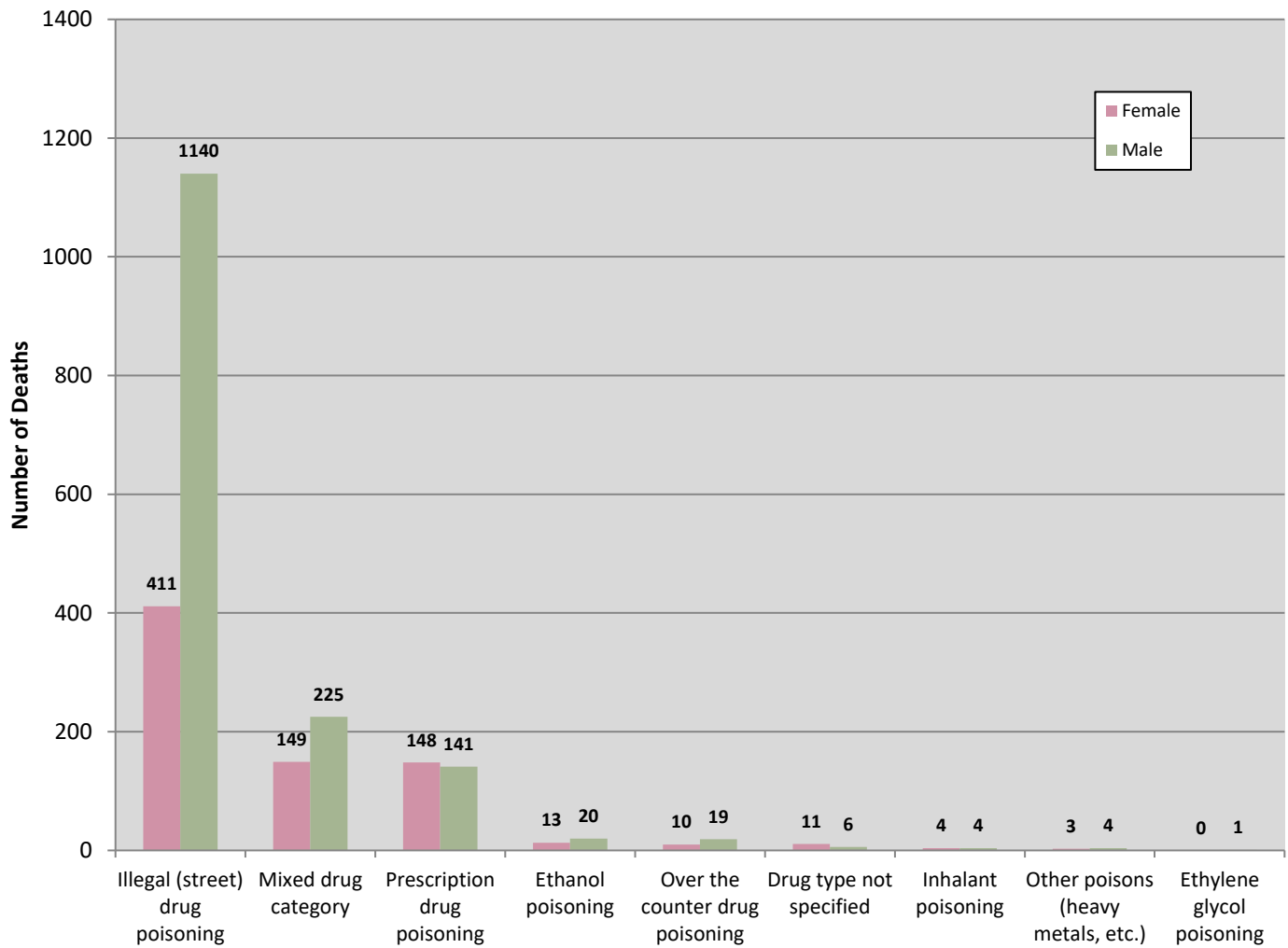
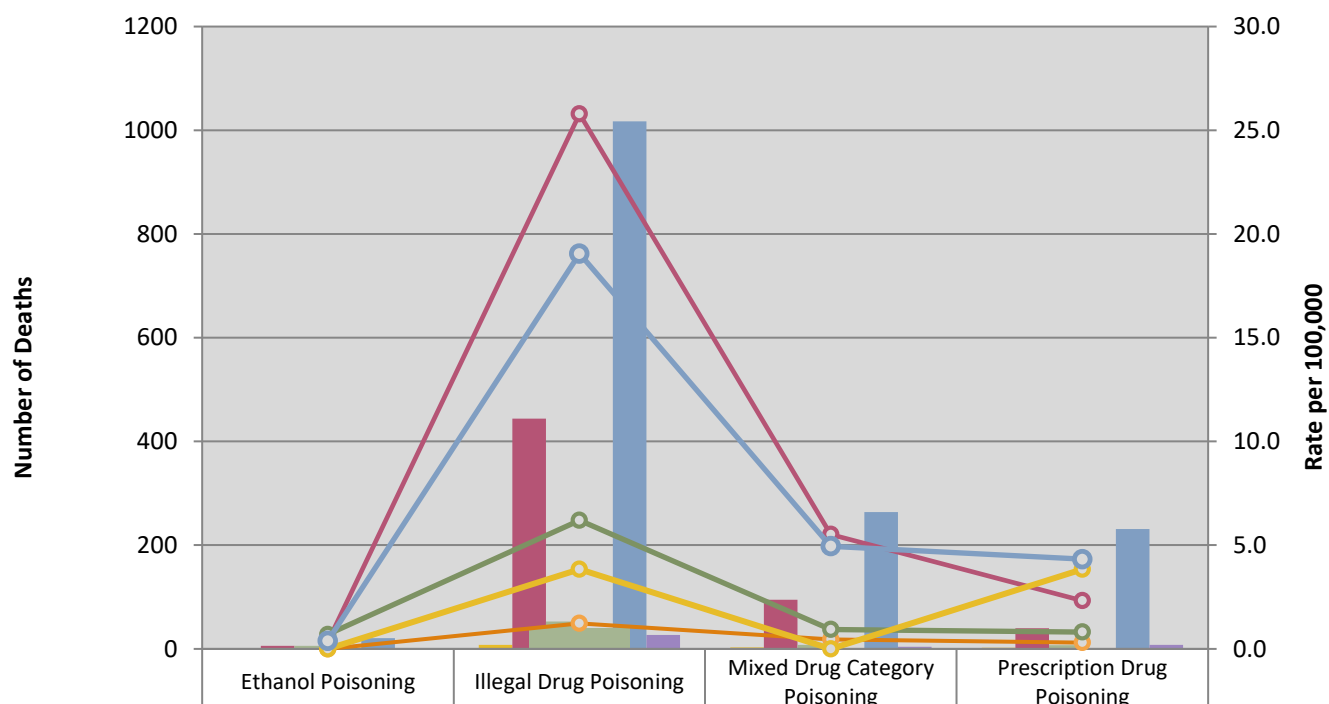
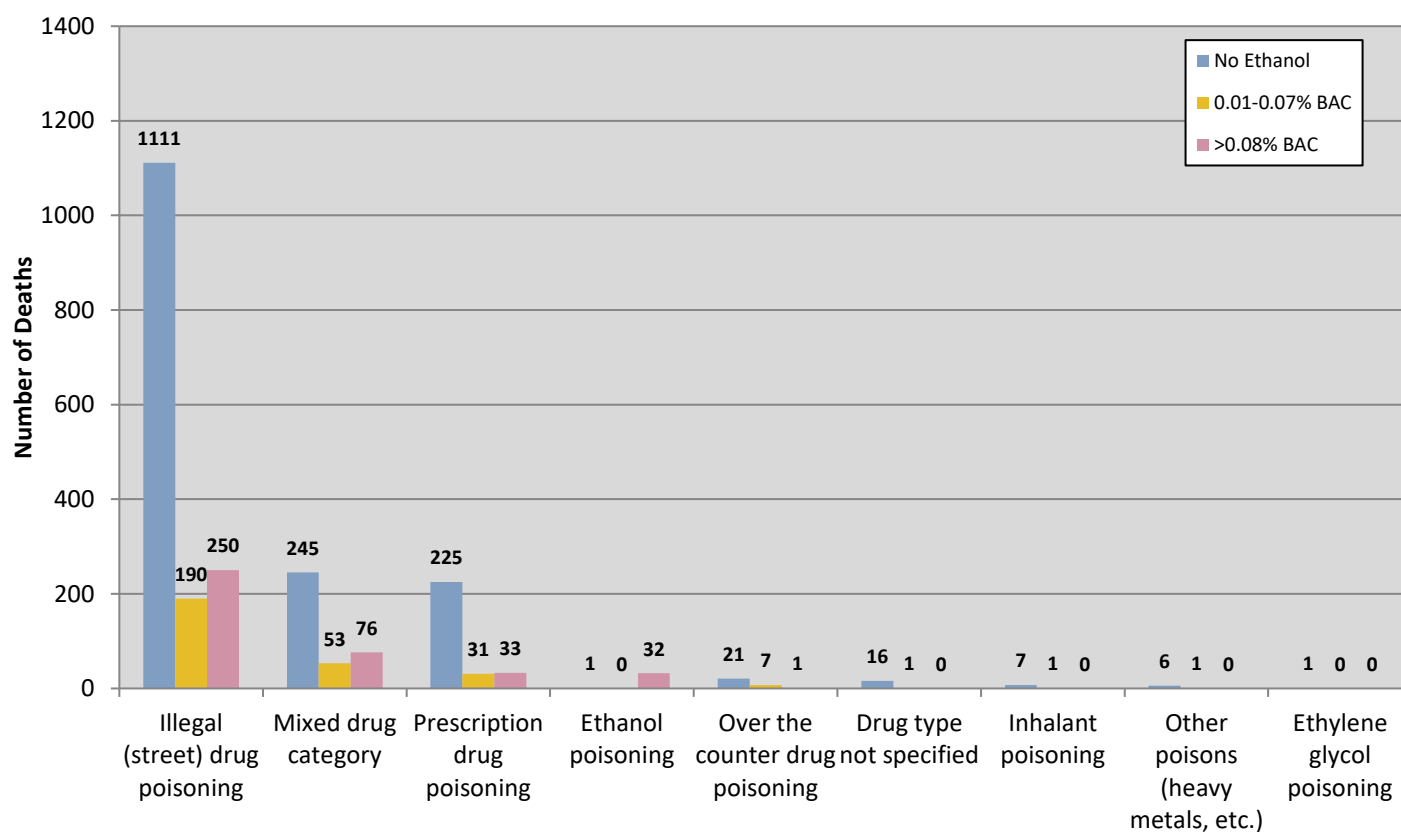


Figure 5.8 Number and Rate of Fatal Drug/Poison Overdoses by Drug Category and Race/Ethnicity, 2020



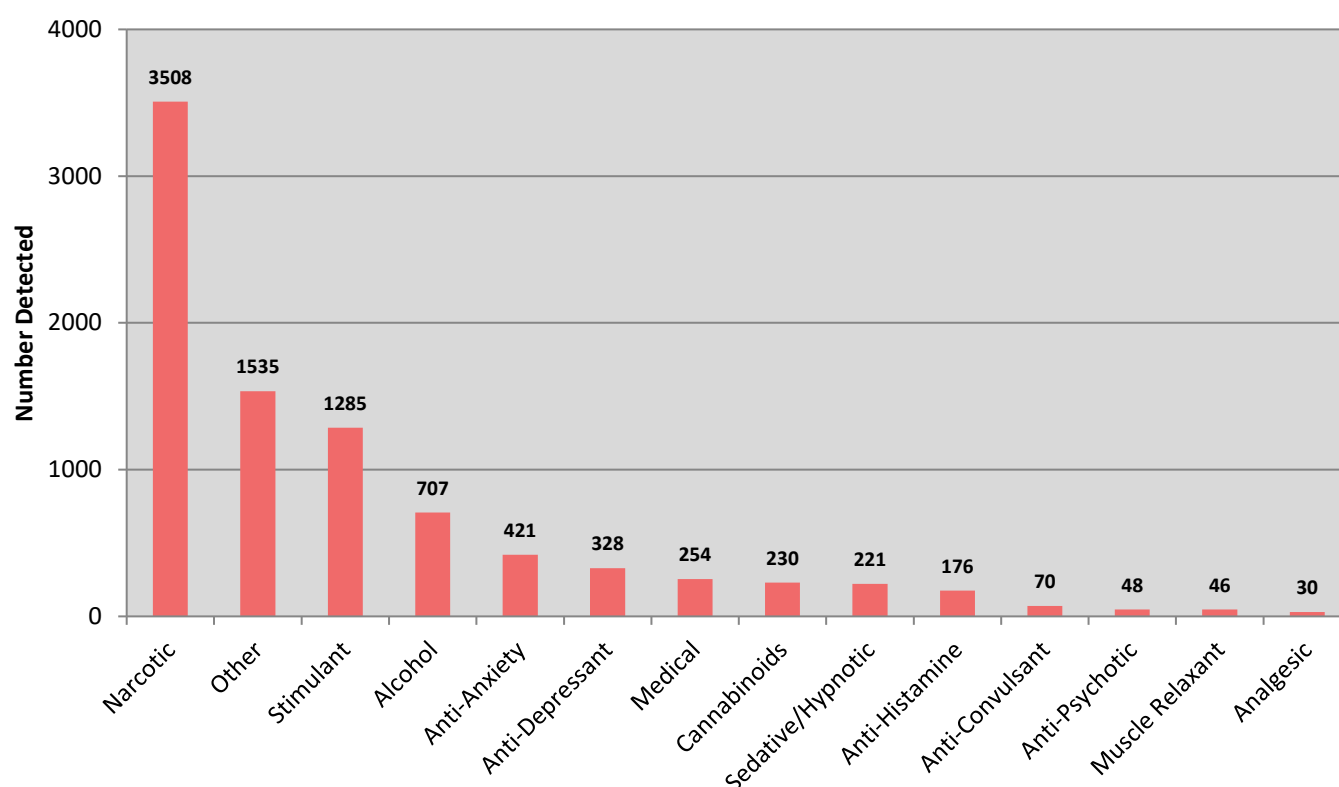
| | | | | |
|----------------------|-----|------|-----|-----|
| Asian | 0 | 8 | 3 | 2 |
| Black | 6 | 444 | 95 | 40 |
| Hispanic | 6 | 53 | 8 | 7 |
| Native American | 0 | 1 | 0 | 1 |
| White | 21 | 1017 | 264 | 231 |
| Other | 0 | 27 | 4 | 8 |
| Unknown | 0 | 1 | 0 | 0 |
| Asian Rate | 0.0 | 1.2 | 0.5 | 0.3 |
| Black Rate | 0.3 | 25.8 | 5.5 | 2.3 |
| Hispanic Rate | 0.7 | 6.2 | 0.9 | 0.8 |
| Native American Rate | 0.0 | 3.8 | 0.0 | 3.8 |
| White Rate | 0.4 | 19.1 | 4.9 | 4.3 |

Figure 5.9 Number of Fatal Drug/Poison Overdoses by Drug Category and Ethanol Level, 2020

Note: Ethanol poisoning deaths listed as 'no ethanol' detected or '0.01-0.07% BAC' were due to toxicology timing issues regarding metabolism of ethanol

Table 5.5 Number of Fatal Drug/Poison Overdoses by Cause of Death and Whether Alcohol Caused Death, 2020

| Cause of Death | Caused Death | Contributed to Death | Did Not Cause Death | Total |
|------------------------------------|--------------|----------------------|---------------------|-------------|
| Illegal (street) drug poisoning | 167 | 72 | 1312 | 1551 |
| Mixed drug category | 96 | 8 | 270 | 374 |
| Prescription drug poisoning | 29 | 7 | 253 | 289 |
| Ethanol poisoning | 29 | 1 | 3 | 33 |
| Over the counter drug poisoning | 0 | 0 | 29 | 29 |
| Drug type not specified | 0 | 0 | 17 | 17 |
| Inhalant poisoning | 0 | 0 | 8 | 8 |
| Other poisons (heavy metals, etc.) | 0 | 0 | 7 | 7 |
| Ethylene glycol poisoning | 0 | 0 | 1 | 1 |
| Total | 321 | 88 | 1900 | 2309 |

Figure 5.10 Number of Fatal Drug/Poison Overdoses by Drug/Poison/Metabolites Detected, 2020**Table 5.6 Number and Percentage of Fatal Drug/Poison Overdoses by Drug/Poison/Metabolite Detected, 2020**

| Class | Drug/Poison/Active Metabolite | Number Detected | Percentage of Cases |
|---------------------|-------------------------------|-----------------|---------------------|
| Alcohol | | | 10.7% |
| | Acetone | 12 | 0.2% |
| | Ethanol | 683 | 10.3% |
| | Isopropanol | 9 | 0.1% |
| | Methanol | 3 | 0.0% |
| Analgesic | | | 0.5% |
| | Acetaminophen | 22 | 0.3% |
| | Ibuprofen | 6 | 0.1% |
| | Naproxen | 2 | 0.0% |
| Anti-Anxiety | | | 6.4% |
| | Alprazolam | 170 | 2.6% |
| | Diazepam | 77 | 1.2% |
| | Etizolam | 29 | 0.4% |

| | | |
|-----------------------------------|-----|-------------|
| Flualprazolam | 15 | 0.2% |
| Flubromazolam | 1 | 0.0% |
| Lorazepam | 15 | 0.2% |
| Meprobamate | 5 | 0.1% |
| Nordiazepam (Diazepam Metabolite) | 109 | 1.6% |
| Anti-Convulsant | | 1.1% |
| Carbamazepine | 11 | 0.2% |
| Lamotrigine | 21 | 0.3% |
| Levetiracetam | 6 | 0.1% |
| Oxcarbazepine | 2 | 0.0% |
| Phenytoin | 3 | 0.0% |
| Pregabalin | 11 | 0.2% |
| Topiramate | 16 | 0.2% |
| Anti-Depressant | | 5.0% |
| Amitriptyline | 45 | 0.7% |
| Bupropion | 38 | 0.6% |
| Citalopram | 55 | 0.8% |
| Clomipramine | 1 | 0.0% |
| Doxepin | 11 | 0.2% |
| Duloxetine | 4 | 0.1% |
| Fluoxetine | 43 | 0.7% |
| Mirtazapine | 17 | 0.3% |
| Nortriptyline | 46 | 0.7% |
| Paroxetine | 6 | 0.1% |
| Sertraline | 36 | 0.5% |
| Venlafaxine | 26 | 0.4% |
| Anti-Histamine | | 2.7% |
| Chlorpheniramine | 6 | 0.1% |
| Diphenhydramine | 120 | 1.8% |
| Doxylamine | 20 | 0.3% |
| Hydroxyzine | 18 | 0.3% |
| Promethazine | 12 | 0.2% |
| Anti-Psychotic | | 0.7% |
| Aripiprazole | 6 | 0.1% |
| Chlorpromazine | 1 | 0.0% |
| Clozapine | 2 | 0.0% |
| Haloperidol | 3 | 0.0% |
| Olanzapine | 11 | 0.2% |
| Quetiapine | 21 | 0.3% |
| Risperidone | 3 | 0.0% |
| Ziprasidone | 1 | 0.0% |
| Cannabinoids | | 3.5% |

| | | |
|--|------|--------------|
| Tetrahydrocannabinol Carboxylic Acid (THC)- various compounds | 230 | 3.5% |
| Medical | | 3.8% |
| Amlodipine | 2 | 0.0% |
| Atenolol | 1 | 0.0% |
| Atropine | 1 | 0.0% |
| Benztropine | 2 | 0.0% |
| Butalbital | 9 | 0.1% |
| Dextromethorphan/Levorphanol | 42 | 0.6% |
| Diltiazem | 2 | 0.0% |
| Ephedrine/Pseudoephedrine | 28 | 0.4% |
| Etomidate | 2 | 0.0% |
| Flecainide | 1 | 0.0% |
| Gabapentin | 87 | 1.3% |
| Hydrochlorothiazide | 1 | 0.0% |
| Levamisole/Tetramisole | 8 | 0.1% |
| Loperamide | 1 | 0.0% |
| Metformin | 1 | 0.0% |
| Methemoglobin | 4 | 0.1% |
| Metoclopramide | 3 | 0.0% |
| Metoprolol | 2 | 0.0% |
| Naloxone | 37 | 0.6% |
| Phentermine | 1 | 0.0% |
| Phenylpropanolamine | 1 | 0.0% |
| Propranolol | 6 | 0.1% |
| Quinine | 11 | 0.2% |
| Warfarin | 1 | 0.0% |
| Muscle Relaxant | | 0.7% |
| Carisoprodol | 4 | 0.1% |
| Cyclobenzaprine | 40 | 0.6% |
| Orphenadrine | 1 | 0.0% |
| Tizanidine | 1 | 0.0% |
| Narcotic | | 53.0% |
| 6-Acetylmorphine | 364 | 5.5% |
| Acetylfentanyl | 88 | 1.3% |
| Buprenorphine | 94 | 1.4% |
| Clonidine | 1 | 0.0% |
| Codeine | 157 | 2.4% |
| Fentanyl | 1571 | 23.8% |
| Hydrocodone | 67 | 1.0% |
| Hydromorphone | 85 | 1.3% |
| Methadone | 96 | 1.5% |
| Methylfentanyl | 4 | 0.1% |

| | | |
|--------------------------------------|-----|--------------|
| Morphine | 567 | 8.6% |
| Norbuprenorphine | 101 | 1.5% |
| Oxycodone | 140 | 2.1% |
| Oxymorphone | 99 | 1.5% |
| Para/Meta-Fluoroisobutyrylfentanyl | 11 | 0.2% |
| Tapentadol | 3 | 0.0% |
| Tramadol | 59 | 0.9% |
| Valeryl fentanyl | 1 | 0.0% |
| Other | | 23.2% |
| 5-Fluoro-Mdmb-Pica | 3 | 0.0% |
| 5-Fluoro-Mdmb-Poca | 1 | 0.0% |
| 5F-Pb-22 | 2 | 0.0% |
| Benzoyllecgonine(Cocaine Metabolite) | 659 | 10.0% |
| Carboxyhemoglobin | 4 | 0.1% |
| Chloride | 2 | 0.0% |
| Cocaethylene | 190 | 2.9% |
| Cotinine | 65 | 1.0% |
| Creatinine | 2 | 0.0% |
| Despropionylfentanyl | 510 | 7.7% |
| Difluoroethane | 6 | 0.1% |
| Hexane | 1 | 0.0% |
| Ketamine | 12 | 0.2% |
| Lidocaine | 19 | 0.3% |
| Mitragynine | 22 | 0.3% |
| Phencyclidine | 24 | 0.4% |
| Pseudoephedrine/Ephedrine | 7 | 0.1% |
| Ritalinic Acid | 2 | 0.0% |
| Salicylate | 2 | 0.0% |
| Salicylic Acid | 1 | 0.0% |
| Theobromine | 1 | 0.0% |
| Sedative/Hypnotic | | 3.3% |
| Chlordiazepoxide | 13 | 0.2% |
| Clonazepam | 47 | 0.7% |
| Midazolam | 10 | 0.2% |
| Oxazepam | 36 | 0.5% |
| Pentobarbital | 1 | 0.0% |
| Phenobarbital | 3 | 0.0% |
| Temazepam | 42 | 0.6% |
| Trazodone | 37 | 0.6% |
| Triazolam | 1 | 0.0% |
| Xylazine | 9 | 0.1% |
| Zolpidem | 19 | 0.3% |
| Zopiclone | 3 | 0.0% |

| | | |
|--|-----|------------------------|
| Stimulant | | 19.4% |
| Amphetamine | 347 | 5.2% |
| Atomoxetine | 4 | 0.1% |
| Caffeine | 82 | 1.2% |
| Cocaine | 481 | 7.3% |
| Eutylone | 10 | 0.2% |
| MDMA (Various Compounds) | 12 | 0.2% |
| Methamphetamine | 336 | 5.1% |
| Methylphenidate | 2 | 0.0% |
| Nicotine | 11 | 0.2% |
| TOTAL DRUG/POISON/ACTIVE METABOLITES DETECTED | | 6613 100.0% |

Figure 5.11 Number of Fatal Drug/Poison Overdoses by Class of Drug/Poison/Metabolite Detected that Caused or Contributed to Death, 2020

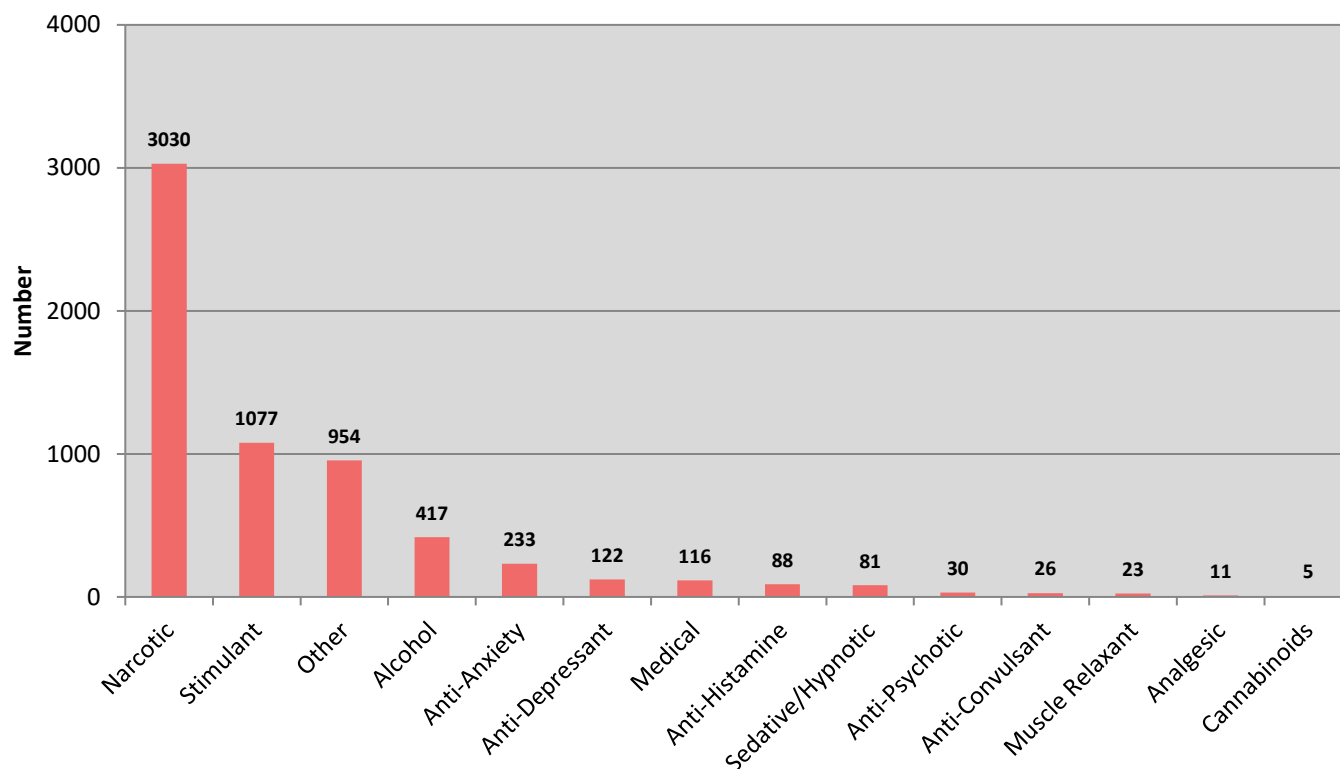


Table 5.7 Number of Fatal Drug/Poison Deaths by Drug/Poison/Metabolites Detected that Caused or Contributed to Death, 2020

| Class | Drug/Poison/Active Metabolite | Number Detected | Percentage of Cases |
|---------------------|-------------------------------|-----------------|---------------------|
| Alcohol | | | 6.7% |
| | Acetone | 5 | 0.1% |
| | Ethanol | 409 | 6.6% |
| | Isopropanol | 1 | 0.0% |
| | Methanol | 2 | 0.0% |
| Analgesic | | | 0.2% |
| | Acetaminophen | 10 | 0.2% |
| | Ibuprofen | 1 | 0.0% |
| | Naproxen | 0 | 0.0% |
| Anti-Anxiety | | | 3.8% |
| | Alprazolam | 111 | 1.8% |
| | Diazepam | 39 | 0.6% |
| | Etizolam | 26 | 0.4% |
| | Flualprazolam | 13 | 0.2% |

| | | |
|--|----|-------------|
| Flubromazolam | 1 | 0.0% |
| Lorazepam | 7 | 0.1% |
| Meprobamate | 2 | 0.0% |
| Nordiazepam (Diazepam Metabolite) | 34 | 0.5% |
| Anti-Convulsant | | 0.4% |
| Carbamazepine | 3 | 0.0% |
| Lamotrigine | 7 | 0.1% |
| Levetiracetam | 1 | 0.0% |
| Oxcarbazepine | 2 | 0.0% |
| Phenytoin | 2 | 0.0% |
| Pregabalin | 5 | 0.1% |
| Topiramate | 6 | 0.1% |
| Anti-Depressant | | 2.0% |
| Amitriptyline | 25 | 0.4% |
| Bupropion | 13 | 0.2% |
| Citalopram | 0 | 0.0% |
| Clomipramine | 0 | 0.0% |
| Doxepin | 7 | 0.1% |
| Duloxetine | 1 | 0.0% |
| Fluoxetine | 20 | 0.3% |
| Mirtazapine | 8 | 0.1% |
| Nortriptyline | 22 | 0.4% |
| Paroxetine | 2 | 0.0% |
| Sertraline | 15 | 0.2% |
| Venlafaxine | 9 | 0.1% |
| Anti-Histamine | | 1.4% |
| Chlorpheniramine | 3 | 0.0% |
| Diphenhydramine | 56 | 0.9% |
| Doxylamine | 9 | 0.1% |
| Hydroxyzine | 12 | 0.2% |
| Promethazine | 8 | 0.1% |
| Anti-Psychotic | | 0.5% |
| Aripiprazole | 2 | 0.0% |
| Chlorpromazine | 1 | 0.0% |
| Clozapine | 0 | 0.0% |
| Haloperidol | 2 | 0.0% |
| Olanzapine | 6 | 0.1% |
| Quetiapine | 15 | 0.2% |
| Risperidone | 3 | 0.0% |
| Ziprasidone | 1 | 0.0% |
| Cannabinoids | | 0.1% |
| Tetrahydrocannabinol Carboxylic Acid (THC)-various compounds | 5 | 0.1% |

| | | |
|------------------------------|------|--------------|
| Medical | | 1.9% |
| Amlodipine | 2 | 0.0% |
| Atenolol | 1 | 0.0% |
| Atropine | 0 | 0.0% |
| Benztropine | 2 | 0.0% |
| Butalbital | 6 | 0.1% |
| Dextromethorphan/Levorphanol | 22 | 0.4% |
| Diltiazem | 1 | 0.0% |
| Ephedrine/Pseudoephedrine | 8 | 0.1% |
| Etomidate | 0 | 0.0% |
| Flecainide | 1 | 0.0% |
| Gabapentin | 57 | 0.9% |
| Hydrochlorothiazide | 0 | 0.0% |
| Levamisole/Tetramisole | 1 | 0.0% |
| Loperamide | 0 | 0.0% |
| Metformin | 1 | 0.0% |
| Methemoglobin | 4 | 0.1% |
| Metoclopramide | 1 | 0.0% |
| Metoprolol | 1 | 0.0% |
| Naloxone | 0 | 0.0% |
| Phentermine | 0 | 0.0% |
| Phenylpropanolamine | 1 | 0.0% |
| Propranolol | 6 | 0.1% |
| Quinine | 0 | 0.0% |
| Warfarin | 1 | 0.0% |
| Muscle Relaxant | | 0.4% |
| Carisoprodol | 3 | 0.0% |
| Cyclobenzaprine | 19 | 0.3% |
| Orphenadrine | 0 | 0.0% |
| Tizanidine | 1 | 0.0% |
| Narcotic | | 48.8% |
| 6-Acetylmorphine | 340 | 5.5% |
| Acetylfentanyl | 79 | 1.3% |
| Buprenorphine | 63 | 1.0% |
| Clonidine | 1 | 0.0% |
| Codeine | 65 | 1.0% |
| Fentanyl | 1494 | 24.0% |
| Hydrocodone | 50 | 0.8% |
| Hydromorphone | 49 | 0.8% |
| Methadone | 85 | 1.4% |
| Methylfentanyl | 4 | 0.1% |
| Morphine | 525 | 8.5% |
| Norbuprenorphine | 49 | 0.8% |

| | | |
|--------------------------------------|-----|--------------|
| Oxycodone | 114 | 1.8% |
| Oxymorphone | 66 | 1.1% |
| Para/Meta-Fluoroisobutyrylfentanyl | 10 | 0.2% |
| Tapentadol | 3 | 0.0% |
| Tramadol | 32 | 0.5% |
| Valeryl fentanyl | 1 | 0.0% |
| Other | | 15.4% |
| 5-Fluoro-Mdmb-Pica | 3 | 0.0% |
| 5-Fluoro-Mdmb-Poca | 1 | 0.0% |
| 5F-Pb-22 | 2 | 0.0% |
| Benzoyllecgonine(Cocaine Metabolite) | 312 | 5.0% |
| Carboxyhemoglobin | 1 | 0.0% |
| Chloride | 0 | 0.0% |
| Cocaethylene | 171 | 2.8% |
| Cotinine | 1 | 0.0% |
| Creatinine | 0 | 0.0% |
| Despropionylfentanyl | 399 | 6.4% |
| Difluoroethane | 6 | 0.1% |
| Hexane | 1 | 0.0% |
| Ketamine | 6 | 0.1% |
| Lidocaine | 6 | 0.1% |
| Mitragynine | 20 | 0.3% |
| Phencyclidine | 24 | 0.4% |
| Pseudoephedrine/Ephedrine | 1 | 0.0% |
| Ritalinic Acid | 0 | 0.0% |
| Salicylate | 0 | 0.0% |
| Salicylic Acid | 0 | 0.0% |
| Theobromine | 0 | 0.0% |
| Sedative/Hypnotic | | 1.3% |
| Chlordiazepoxide | 8 | 0.1% |
| Clonazepam | 9 | 0.1% |
| Midazolam | 0 | 0.0% |
| Oxazepam | 12 | 0.2% |
| Pentobarbital | 1 | 0.0% |
| Phenobarbital | 0 | 0.0% |
| Temazepam | 13 | 0.2% |
| Trazodone | 18 | 0.3% |
| Triazolam | 1 | 0.0% |
| Xylazine | 9 | 0.1% |
| Zolpidem | 9 | 0.1% |
| Zopiclone | 1 | 0.0% |
| Stimulant | | 17.3% |
| Amphetamine | 271 | 4.4% |

| | | |
|--|-------------|---------------|
| Atomoxetine | 2 | 0.0% |
| Caffeine | 2 | 0.0% |
| Cocaine | 455 | 7.3% |
| Eutylone | 10 | 0.2% |
| MDMA (Various Compounds) | 8 | 0.1% |
| Methamphetamine | 329 | 5.3% |
| Methylphenidate | 0 | 0.0% |
| Nicotine | 0 | 0.0% |
| TOTAL DRUG/POISON/ACTIVE METABOLITES DETECTED | | |
| | 6213 | 100.0% |

Table 5.8 Number and Rate of Fatal Drug/Poison Overdoses by Locality of Residence, 2020

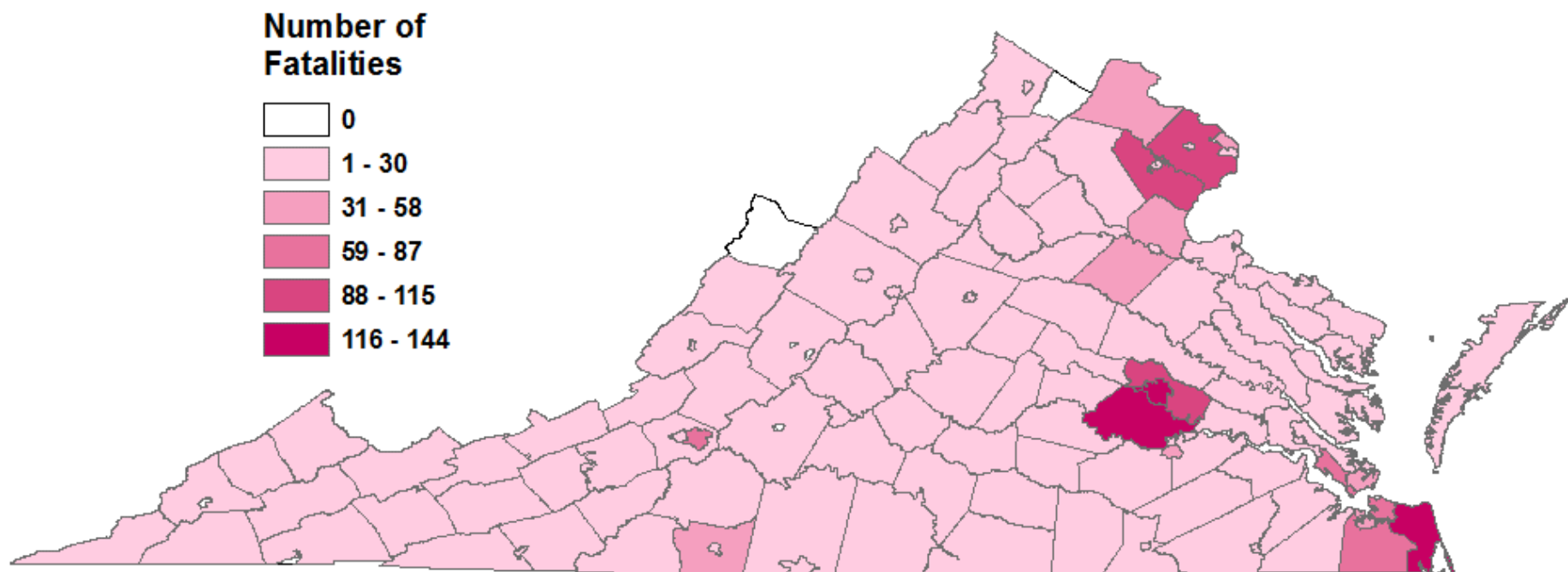
| Locality of Residence | Deaths | Rate | Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|-----------------------|--------|------|
| Accomack County | 5 | 15.5 | Floyd County | 2 | 12.7 |
| Albemarle County | 10 | 9.0 | Fluvanna County | 3 | 10.9 |
| Alexandria City | 18 | 11.3 | Franklin City | 2 | 25.5 |
| Alleghany County | 4 | 27.2 | Franklin County | 23 | 40.9 |
| Amelia County | 7 | 53.8 | Frederick County | 23 | 25.2 |
| Amherst County | 9 | 28.4 | Fredericksburg City | 16 | 54.3 |
| Appomattox County | 3 | 18.7 | Galax City | 3 | 47.6 |
| Arlington County | 32 | 13.3 | Giles County | 4 | 24.0 |
| Augusta County | 12 | 15.7 | Gloucester County | 11 | 29.4 |
| Bath County | 1 | 24.3 | Goochland County | 6 | 24.6 |
| Bedford County | 19 | 23.8 | Grayson County | 3 | 19.4 |
| Bland County | 4 | 64.1 | Greene County | 4 | 19.9 |
| Botetourt County | 6 | 17.8 | Greensville County | 6 | 53.2 |
| Bristol City | 0 | 0.0 | Halifax County | 10 | 29.7 |
| Brunswick County | 6 | 37.4 | Hampton City | 47 | 34.7 |
| Buchanan County | 3 | 14.6 | Hanover County | 29 | 26.8 |
| Buckingham County | 4 | 23.3 | Harrisonburg City | 8 | 15.0 |
| Buena Vista City | 0 | 0.0 | Henrico County | 95 | 28.5 |
| Campbell County | 14 | 25.3 | Henry County | 33 | 65.6 |
| Caroline County | 13 | 42.1 | Highland County | 0 | 0.0 |
| Carroll County | 6 | 20.0 | Hopewell City | 15 | 67.0 |
| Charles City County | 1 | 14.7 | Isle of Wight County | 10 | 26.5 |
| Charlotte County | 8 | 67.7 | James City County | 19 | 24.5 |
| Charlottesville City | 9 | 19.2 | King and Queen County | 3 | 43.2 |
| Chesapeake City | 66 | 26.7 | King George County | 7 | 25.6 |
| Chesterfield County | 116 | 32.4 | King William County | 7 | 39.7 |
| Clarke County | 0 | 0.0 | Lancaster County | 4 | 37.7 |
| Colonial Heights City | 1 | 5.8 | Lee County | 7 | 30.1 |
| Covington City | 3 | 53.2 | Lexington City | 0 | 0.0 |
| Craig County | 2 | 39.4 | Loudoun County | 32 | 7.6 |
| Culpeper County | 19 | 35.5 | Louisa County | 9 | 23.6 |
| Cumberland County | 1 | 10.1 | Lunenburg County | 2 | 16.3 |
| Danville City | 13 | 32.6 | Lynchburg City | 18 | 22.1 |
| Dickenson County | 6 | 42.6 | Madison County | 3 | 22.5 |
| Dinwiddie County | 11 | 38.3 | Manassas City | 10 | 24.5 |
| Emporia City | 2 | 38.0 | Manassas Park City | 5 | 27.8 |
| Essex County | 3 | 27.4 | Martinsville City | 9 | 72.8 |
| Fairfax City | 2 | 8.5 | Mathews County | 2 | 22.8 |
| Fairfax County | 107 | 9.3 | Mecklenburg County | 8 | 26.1 |
| Falls Church City | 0 | 0.0 | Middlesex County | 3 | 28.4 |
| Fauquier County | 11 | 15.4 | Montgomery County | 16 | 16.3 |

| Locality of Residence | Deaths | Rate |
|-----------------------|--------|-------|
| Nelson County | 2 | 13.6 |
| New Kent County | 6 | 25.4 |
| Newport News City | 68 | 38.0 |
| Norfolk City | 86 | 35.4 |
| Northampton County | 2 | 17.1 |
| Northumberland County | 2 | 16.6 |
| Norton City | 0 | 0.0 |
| Nottoway County | 4 | 26.4 |
| Orange County | 12 | 31.8 |
| Page County | 9 | 37.6 |
| Patrick County | 9 | 51.4 |
| Petersburg City | 32 | 105.1 |
| Pittsylvania County | 20 | 33.4 |
| Poquoson City | 4 | 32.6 |
| Portsmouth City | 48 | 50.5 |
| Powhatan County | 14 | 46.4 |
| Prince Edward County | 6 | 26.1 |
| Prince George County | 6 | 15.5 |
| Prince William County | 96 | 20.2 |
| Pulaski County | 14 | 41.3 |
| Radford City | 2 | 11.0 |
| Rappahannock County | 8 | 110.2 |
| Richmond City | 144 | 62.0 |
| Richmond County | 1 | 11.0 |
| Roanoke City | 78 | 78.7 |
| Roanoke County | 27 | 28.6 |
| Rockbridge County | 5 | 22.0 |
| Rockingham County | 15 | 18.2 |
| Russell County | 2 | 7.5 |
| Salem City | 12 | 47.4 |
| Scott County | 6 | 27.7 |
| Shenandoah County | 8 | 18.2 |
| Smyth County | 10 | 33.2 |
| Southampton County | 3 | 17.0 |
| Spotsylvania County | 54 | 39.0 |
| Stafford County | 37 | 23.6 |
| Staunton City | 3 | 11.9 |
| Suffolk City | 28 | 29.8 |
| Surry County | 2 | 31.3 |
| Sussex County | 1 | 9.2 |
| Tazewell County | 22 | 54.3 |
| Virginia Beach City | 118 | 26.2 |
| Warren County | 21 | 51.9 |

| Locality of Residence | Deaths | Rate |
|--------------------------------|-------------|-------------|
| Washington County | 1 | 1.9 |
| Waynesboro City | 6 | 26.4 |
| Westmoreland County | 5 | 27.5 |
| Williamsburg City | 4 | 26.2 |
| Winchester City | 14 | 50.5 |
| Wise County | 10 | 26.9 |
| Wythe County | 6 | 21.0 |
| York County | 17 | 24.6 |
| <i>Subtotal (in-state)</i> | 2184 | 25.4 |
| Out of State | 112 | ND |
| Unknown | 13 | ND |
| <i>Subtotal (out-of-state)</i> | 125 | ND |
| TOTAL | 2309 | 26.9 |

Note: No denominator is represented by ND

Map 5.1 Number of Fatal Drug/Poison Overdoses by Locality of Residence, 2020



Map 5.2 Rates of Fatal Drug/Poison Overdoses by Locality of Residence, 2020

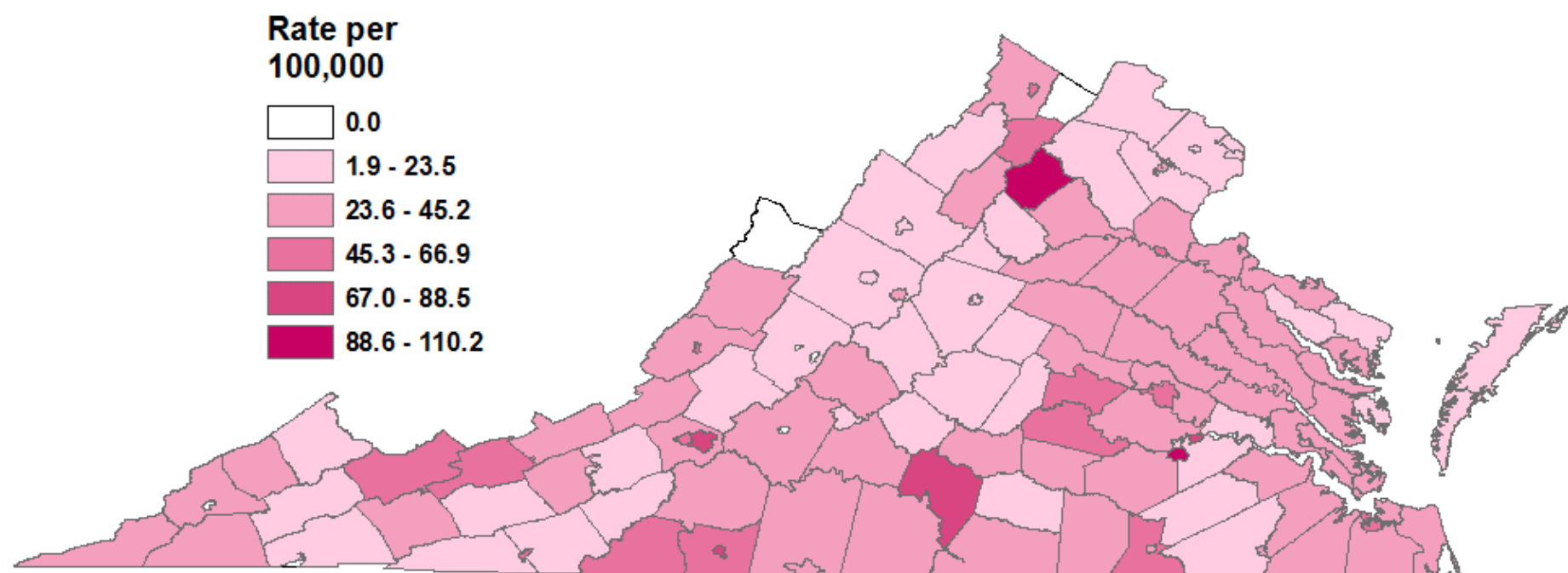


Table 5.9 Number and Rate of Fatal Drug/Poison Overdoses by Locality of Injury, 2020

| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Accomack County | 4 | 12.4 |
| Albemarle County | 16 | 14.5 |
| Alexandria City | 17 | 10.7 |
| Alleghany County | 5 | 34.0 |
| Amelia County | 3 | 23.1 |
| Amherst County | 7 | 22.1 |
| Appomattox County | 4 | 24.9 |
| Arlington County | 31 | 12.9 |
| Augusta County | 12 | 15.7 |
| Bath County | 0 | 0.0 |
| Bedford County | 21 | 26.3 |
| Bland County | 4 | 64.1 |
| Botetourt County | 6 | 17.8 |
| Bristol City | 2 | 11.5 |
| Brunswick County | 7 | 43.6 |
| Buchanan County | 2 | 9.7 |
| Buckingham County | 3 | 17.5 |
| Buena Vista City | 0 | 0.0 |
| Campbell County | 11 | 19.9 |
| Caroline County | 12 | 38.9 |
| Carroll County | 6 | 20.0 |
| Charles City County | 2 | 29.3 |
| Charlotte County | 5 | 42.3 |
| Charlottesville City | 8 | 17.0 |
| Chesapeake City | 60 | 24.3 |
| Chesterfield County | 100 | 27.9 |
| Clarke County | 3 | 20.5 |
| Colonial Heights City | 1 | 5.8 |
| Covington City | 4 | 70.9 |
| Craig County | 0 | 0.0 |
| Culpeper County | 15 | 28.0 |
| Cumberland County | 1 | 10.1 |
| Danville City | 14 | 35.1 |
| Dickenson County | 5 | 35.5 |
| Dinwiddie County | 6 | 20.9 |
| Emporia City | 2 | 38.0 |
| Essex County | 4 | 36.6 |
| Fairfax City | 1 | 4.3 |
| Fairfax County | 124 | 10.8 |
| Falls Church City | 0 | 0.0 |
| Fauquier County | 11 | 15.4 |
| Floyd County | 2 | 12.7 |
| Fluvanna County | 4 | 14.6 |

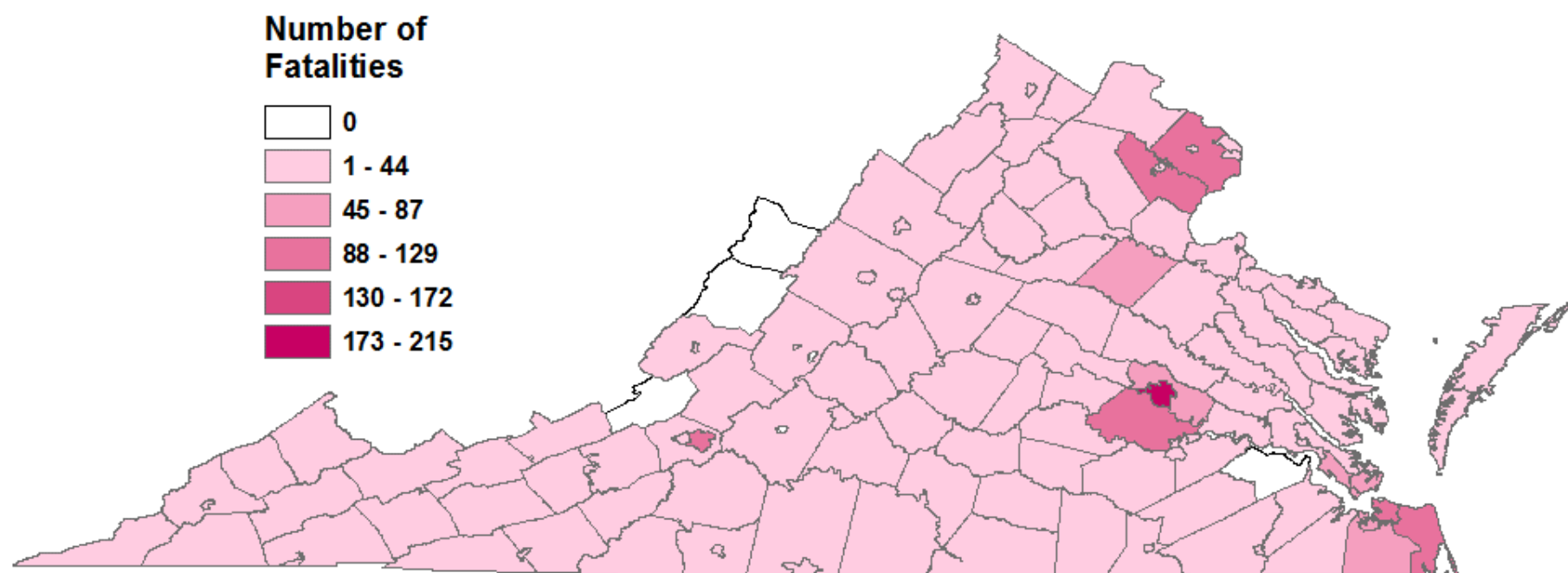
| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Franklin City | 3 | 38.3 |
| Franklin County | 19 | 33.8 |
| Frederick County | 26 | 28.5 |
| Fredericksburg City | 16 | 54.3 |
| Galax City | 2 | 31.8 |
| Giles County | 3 | 18.0 |
| Gloucester County | 10 | 26.7 |
| Goochland County | 6 | 24.6 |
| Grayson County | 3 | 19.4 |
| Greene County | 4 | 19.9 |
| Greensville County | 7 | 62.1 |
| Halifax County | 10 | 29.7 |
| Hampton City | 50 | 36.9 |
| Hanover County | 32 | 29.6 |
| Harrisonburg City | 10 | 18.8 |
| Henrico County | 84 | 25.2 |
| Henry County | 38 | 75.5 |
| Highland County | 0 | 0.0 |
| Hopewell City | 16 | 71.5 |
| Isle of Wight County | 8 | 21.2 |
| James City County | 18 | 23.2 |
| King and Queen County | 3 | 43.2 |
| King George County | 7 | 25.6 |
| King William County | 6 | 34.0 |
| Lancaster County | 4 | 37.7 |
| Lee County | 8 | 34.4 |
| Lexington City | 1 | 13.7 |
| Loudoun County | 33 | 7.8 |
| Louisa County | 7 | 18.4 |
| Lunenburg County | 1 | 8.2 |
| Lynchburg City | 20 | 24.5 |
| Madison County | 4 | 30.0 |
| Manassas City | 15 | 36.7 |
| Manassas Park City | 5 | 27.8 |
| Martinsville City | 9 | 72.8 |
| Mathews County | 1 | 11.4 |
| Mecklenburg County | 9 | 29.3 |
| Middlesex County | 4 | 37.8 |
| Montgomery County | 12 | 12.2 |
| Nelson County | 1 | 6.8 |
| New Kent County | 4 | 16.9 |
| Newport News City | 77 | 43.0 |
| Norfolk City | 101 | 41.6 |

| Locality of Injury | Deaths | Rate |
|-----------------------|--------|-------|
| Northampton County | 1 | 8.6 |
| Northumberland County | 2 | 16.6 |
| Norton City | 1 | 25.1 |
| Nottoway County | 3 | 19.8 |
| Orange County | 9 | 23.9 |
| Page County | 10 | 41.8 |
| Patrick County | 6 | 34.3 |
| Petersburg City | 33 | 108.4 |
| Pittsylvania County | 20 | 33.4 |
| Poquoson City | 2 | 16.3 |
| Portsmouth City | 55 | 57.8 |
| Powhatan County | 4 | 13.3 |
| Prince Edward County | 5 | 21.7 |
| Prince George County | 7 | 18.1 |
| Prince William County | 103 | 21.7 |
| Pulaski County | 16 | 47.1 |
| Radford City | 2 | 11.0 |
| Rappahannock County | 5 | 68.9 |
| Richmond City | 215 | 92.6 |
| Richmond County | 1 | 11.0 |
| Roanoke City | 96 | 96.9 |
| Roanoke County | 24 | 25.4 |
| Rockbridge County | 6 | 26.4 |
| Rockingham County | 8 | 9.7 |
| Russell County | 4 | 15.0 |
| Salem City | 15 | 59.2 |
| Scott County | 7 | 32.4 |
| Shenandoah County | 7 | 15.9 |
| Smyth County | 8 | 26.6 |
| Southampton County | 2 | 11.3 |
| Spotsylvania County | 58 | 41.9 |
| Stafford County | 33 | 21.1 |
| Staunton City | 5 | 19.8 |
| Suffolk City | 26 | 27.7 |
| Surry County | 0 | 0.0 |
| Sussex County | 3 | 27.5 |
| Tazewell County | 22 | 54.3 |
| Virginia Beach City | 118 | 26.2 |
| Warren County | 26 | 64.2 |
| Washington County | 4 | 7.4 |
| Waynesboro City | 5 | 22.0 |
| Westmoreland County | 5 | 27.5 |
| Williamsburg City | 3 | 19.7 |

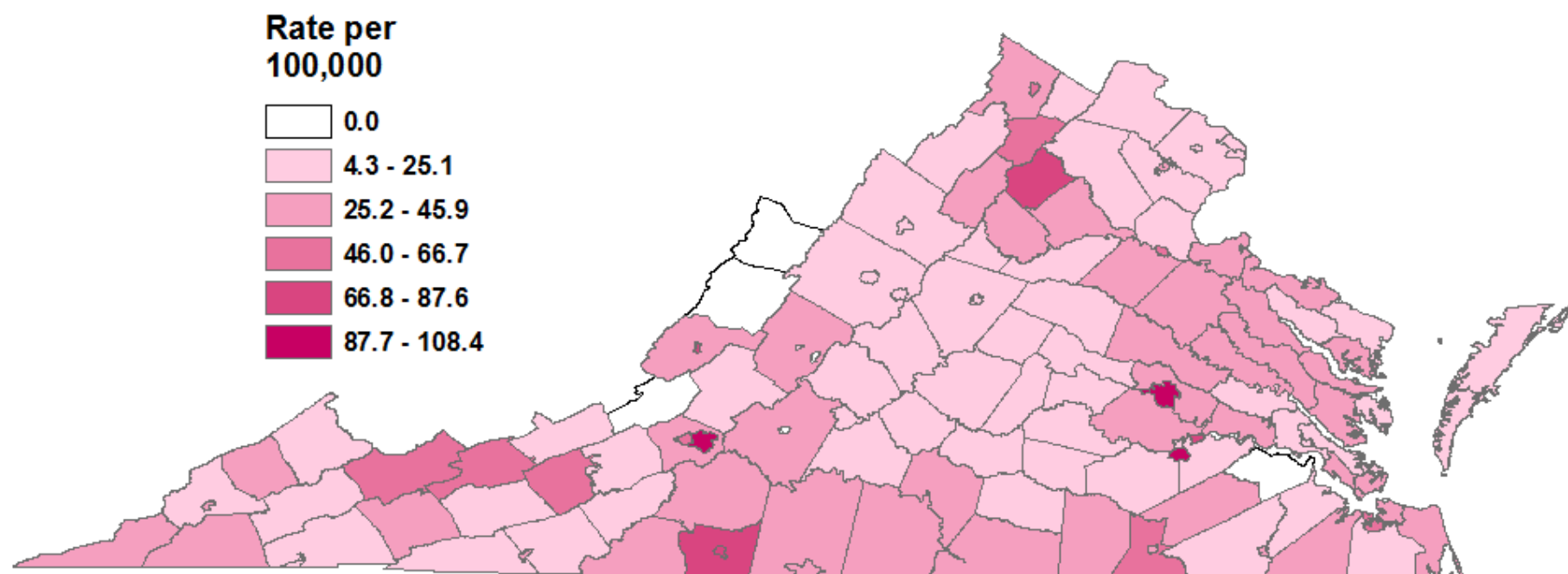
| Locality of Injury | Deaths | Rate |
|--------------------------------|-------------|-------------|
| Winchester City | 15 | 54.2 |
| Wise County | 8 | 21.5 |
| Wythe County | 6 | 21.0 |
| York County | 13 | 18.8 |
| <i>Subtotal (in-state)</i> | 2269 | 26.4 |
| Out of State | 13 | ND |
| Unknown | 27 | ND |
| <i>Subtotal (out-of-state)</i> | 40 | ND |
| TOTAL | 2309 | 26.9 |

Note: No denominator is represented by ND

Map 5.3 Number of Fatal Drug/Poison Overdoses by Locality of Injury, 2020



Map 5.4 Rates of Fatal Drug/Poison Overdoses by Locality of Injury, 2020



PRESCRIPTION OPIOIDS EXCLUDING FENTANYL (N=497)

Prior to 2015, the largest number of fatal drug overdoses were attributed to prescription opioids. Although heroin and/or fentanyl deaths surpassed prescription opioid deaths in 2015, one or more prescription opioids (excluding fentanyl) still represented 21.5% of all fatal drug overdoses in 2020.

- Oxycodone continued to be the most common prescription opioid causing or contributing to death
- Whites made up 78.7% of the fatal prescription opioid (excluding fentanyl) overdoses in 2020
- Males aged 35-44 years had the highest rates of fatal prescription opioid (excluding fentanyl) overdose in 2020 (13.4 deaths per 100,00 persons)

Figure 5.12 Number of All Fatal Drug Overdoses Compared to All Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Year of Death, 2007-2020

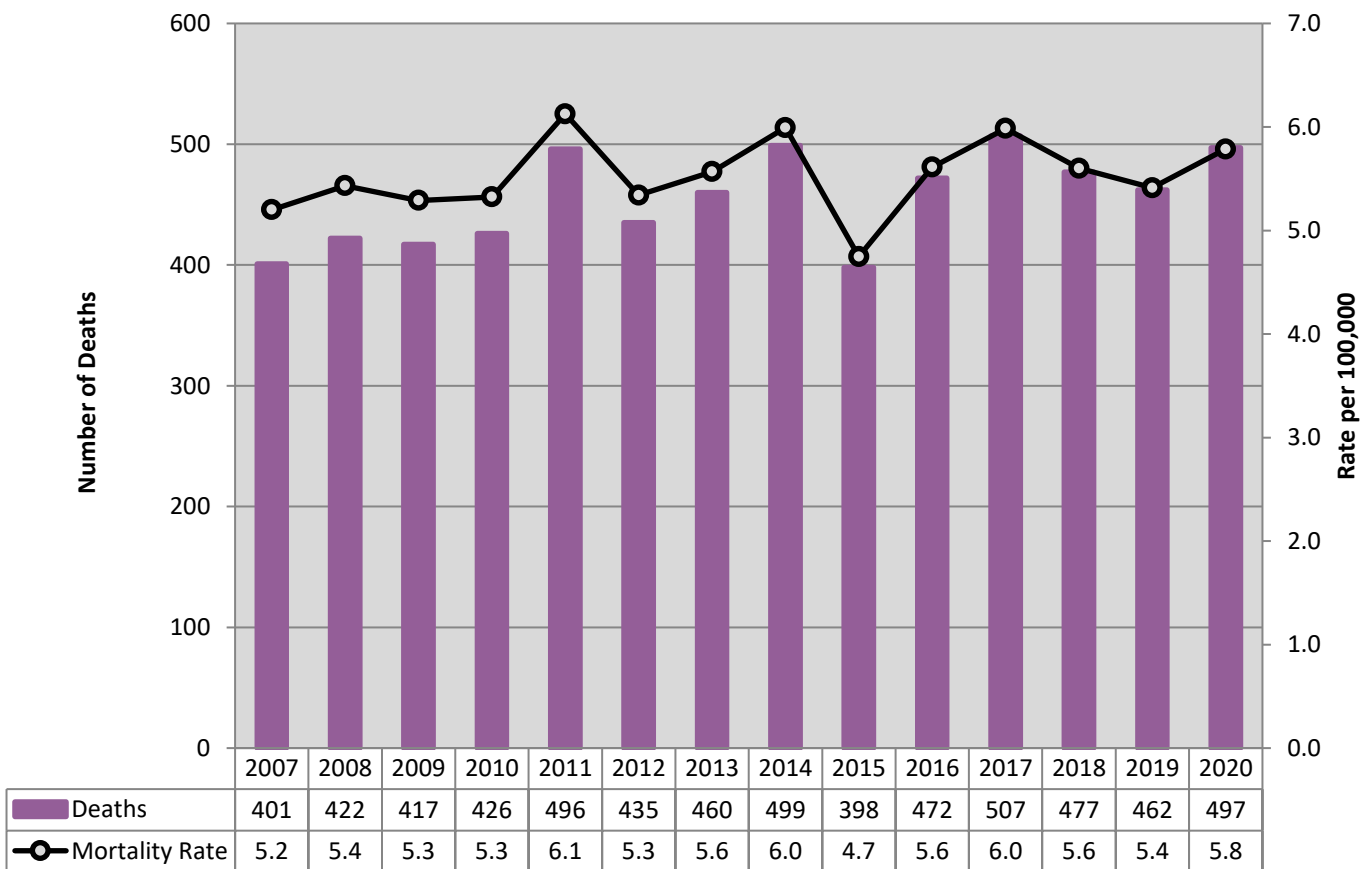


Figure 5.13 Number of Prescription Opioids (Excluding Fentanyl) Causing or Contributing to Death in Fatal Drug/Poison Overdoses, 2020

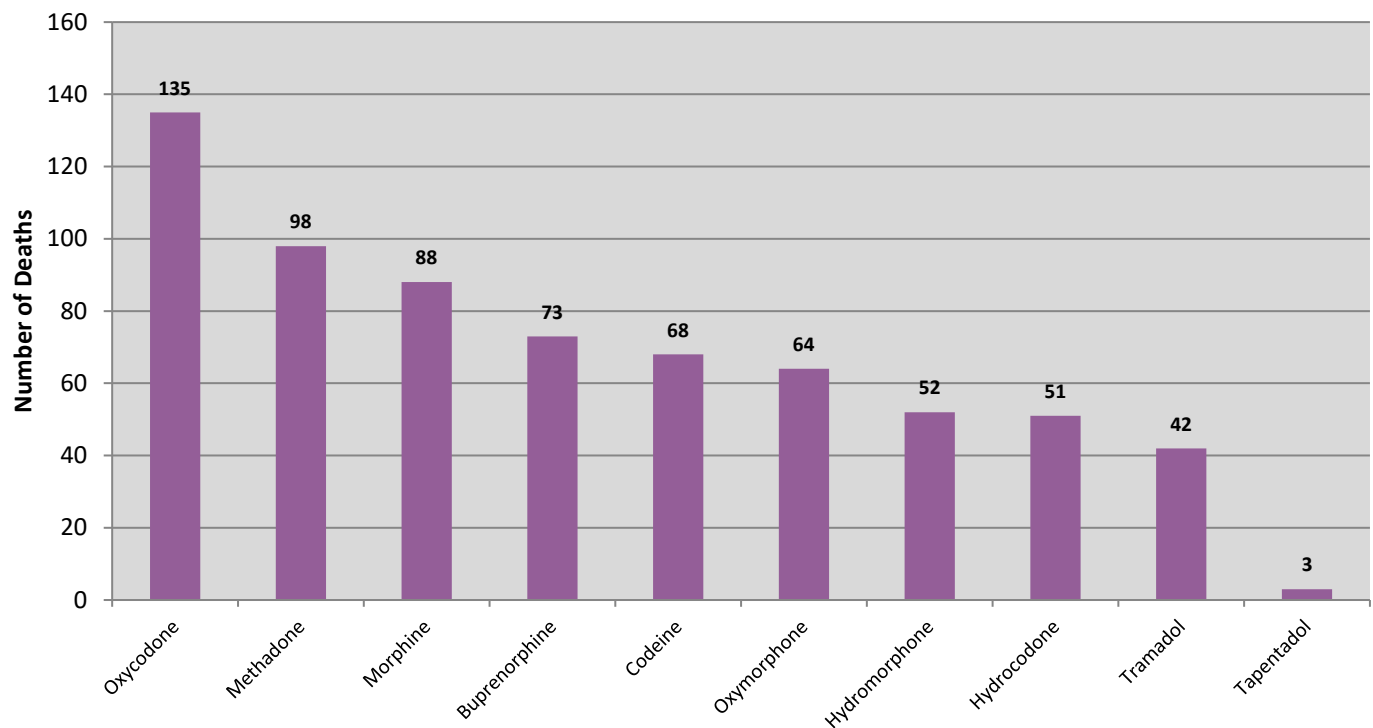


Figure 5.14 Percentage of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Manner of Death, 2020

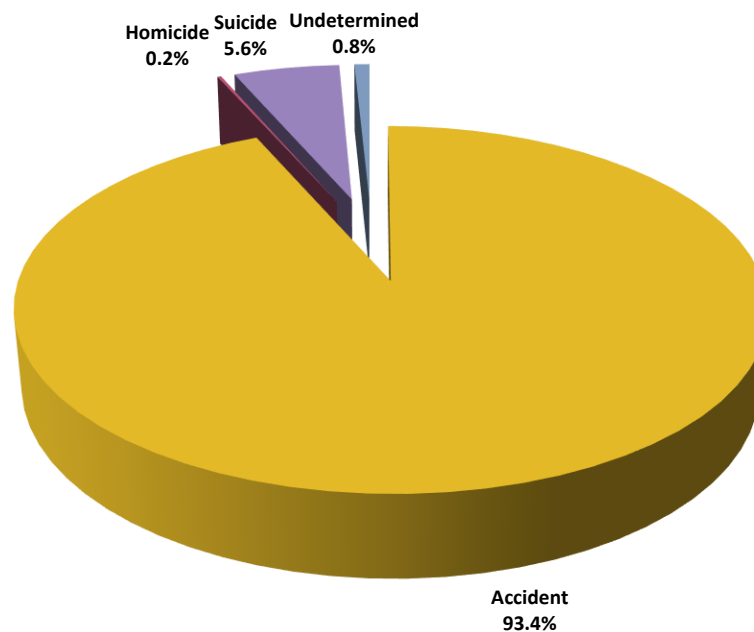


Table 5.10 Number of Prescription Opioids (Excluding Fentanyl) Detected in Fatal Drug Overdoses by OCME District, 2020

| Prescription Opioid | Central | Northern | Tidewater | Western | TOTAL |
|---------------------|------------|------------|------------|------------|------------|
| Oxycodone | 30 | 33 | 35 | 37 | 135 |
| Methadone | 29 | 16 | 26 | 27 | 98 |
| Morphine | 16 | 27 | 24 | 21 | 88 |
| Buprenorphine | 19 | 17 | 13 | 24 | 73 |
| Codeine | 12 | 5 | 32 | 19 | 68 |
| Oxymorphone | 14 | 12 | 16 | 22 | 64 |
| Hydromorphone | 9 | 10 | 11 | 22 | 52 |
| Hydrocodone | 7 | 7 | 10 | 27 | 51 |
| Tramadol | 2 | 23 | 11 | 6 | 42 |
| Tapentadol | 0 | 0 | 1 | 2 | 3 |
| TOTAL | 138 | 150 | 179 | 207 | 674 |

Note: Summing the subtotals will surpass the total since the groups are not mutually exclusive because often, more than one drug causes death

Figure 5.15 Number and Rate of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Age Group and Gender, 2020

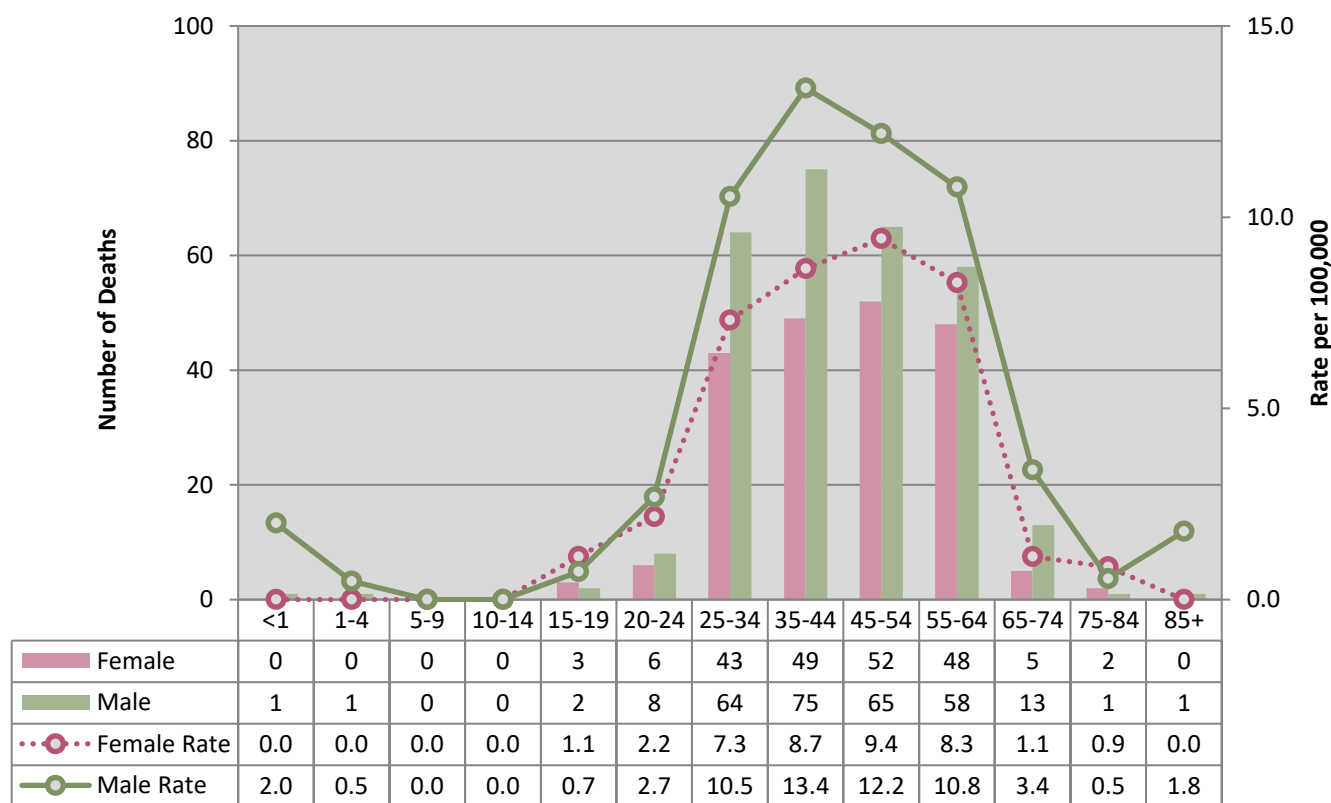


Figure 5.16 Percentage of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Race/Ethnicity, 2020

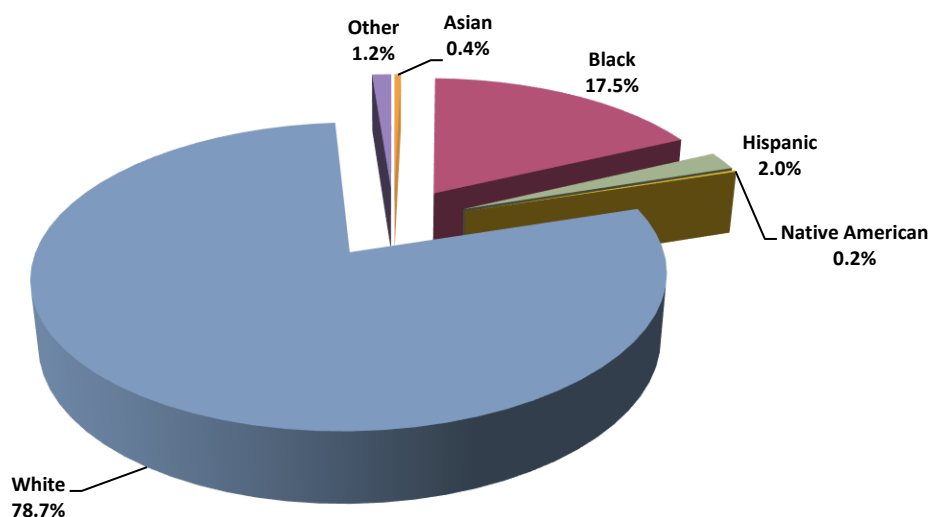
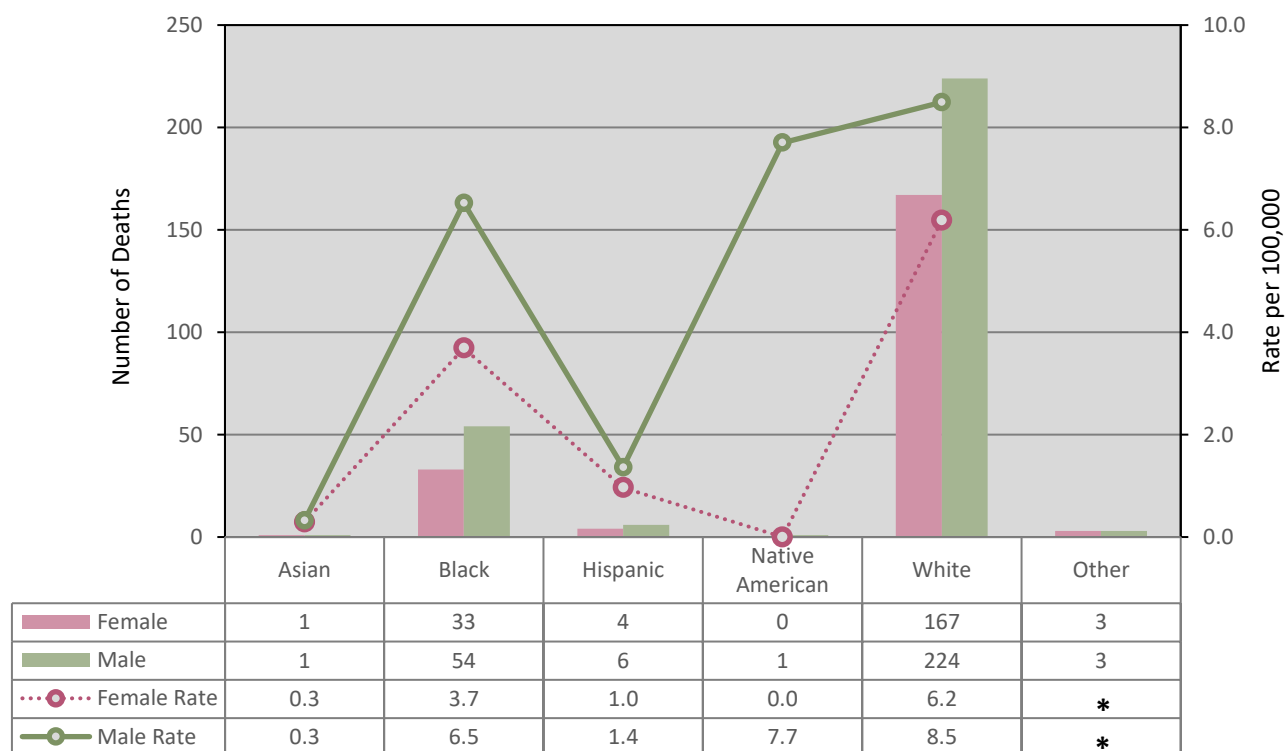


Figure 5.17 Number and Rate of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Race/Ethnicity and Gender, 2020



*No rate can be calculated

Note: Rates calculated from small case counts (n<5) are considered unreliable and should be interpreted with caution (Asians, Hispanic females, and Native Americans)

Table 5.11 Number and Rate of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Locality of Residence, 2020

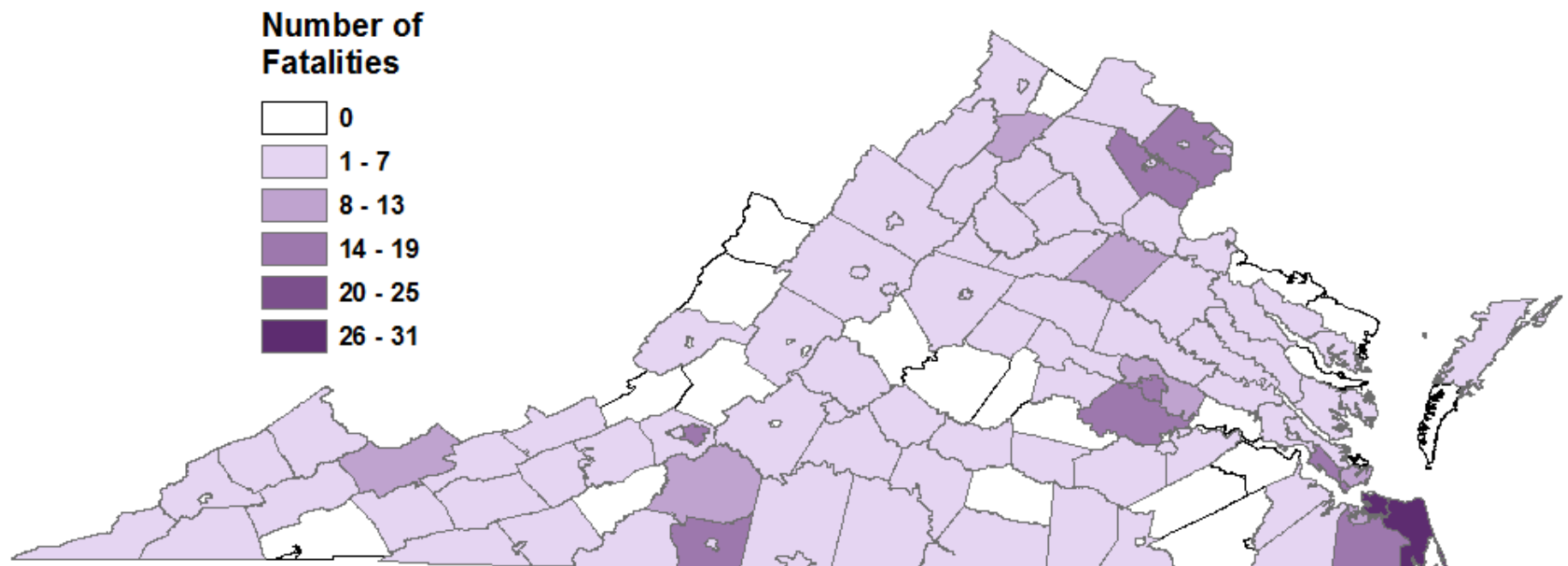
| Locality of Residence | Deaths | Rate | Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|-----------------------|--------|------|
| Accomack County | 5 | 15.5 | Falls Church City | 0 | 0.0 |
| Albemarle County | 2 | 1.8 | Fauquier County | 2 | 2.8 |
| Alexandria City | 7 | 4.4 | Floyd County | 0 | 0.0 |
| Alleghany County | 1 | 6.8 | Fluvanna County | 1 | 3.6 |
| Amelia County | 0 | 0.0 | Franklin City | 0 | 0.0 |
| Amherst County | 1 | 3.2 | Franklin County | 9 | 16.0 |
| Appomattox County | 2 | 12.5 | Frederick County | 4 | 4.4 |
| Arlington County | 10 | 4.2 | Fredericksburg City | 3 | 10.2 |
| Augusta County | 3 | 3.9 | Galax City | 1 | 15.9 |
| Bath County | 0 | 0.0 | Giles County | 2 | 12.0 |
| Bedford County | 2 | 2.5 | Gloucester County | 4 | 10.7 |
| Bland County | 3 | 48.1 | Goochland County | 3 | 12.3 |
| Botetourt County | 0 | 0.0 | Grayson County | 1 | 6.5 |
| Bristol City | 0 | 0.0 | Greene County | 1 | 5.0 |
| Brunswick County | 1 | 6.2 | Greensville County | 1 | 8.9 |
| Buchanan County | 1 | 4.9 | Halifax County | 4 | 11.9 |
| Buckingham County | 0 | 0.0 | Hampton City | 9 | 6.6 |
| Buena Vista City | 0 | 0.0 | Hanover County | 3 | 2.8 |
| Campbell County | 7 | 12.7 | Harrisonburg City | 1 | 1.9 |
| Caroline County | 2 | 6.5 | Henrico County | 10 | 3.0 |
| Carroll County | 2 | 6.7 | Henry County | 15 | 29.8 |
| Charles City County | 0 | 0.0 | Highland County | 0 | 0.0 |
| Charlotte County | 1 | 8.5 | Hopewell City | 4 | 17.9 |
| Charlottesville City | 2 | 4.3 | Isle of Wight County | 3 | 8.0 |
| Chesapeake City | 16 | 6.5 | James City County | 3 | 3.9 |
| Chesterfield County | 17 | 4.7 | King and Queen County | 1 | 14.4 |
| Clarke County | 0 | 0.0 | King George County | 1 | 3.7 |
| Colonial Heights City | 0 | 0.0 | King William County | 1 | 5.7 |
| Covington City | 0 | 0.0 | Lancaster County | 2 | 18.8 |
| Craig County | 0 | 0.0 | Lee County | 4 | 17.2 |
| Culpeper County | 4 | 7.5 | Lexington City | 0 | 0.0 |
| Cumberland County | 0 | 0.0 | Loudoun County | 6 | 1.4 |
| Danville City | 2 | 5.0 | Louisa County | 2 | 5.2 |
| Dickenson County | 3 | 21.3 | Lunenburg County | 0 | 0.0 |
| Dinwiddie County | 2 | 7.0 | Lynchburg City | 2 | 2.5 |
| Emporia City | 0 | 0.0 | Madison County | 2 | 15.0 |
| Essex County | 1 | 9.1 | Manassas City | 1 | 2.4 |
| Fairfax City | 1 | 4.3 | Manassas Park City | 0 | 0.0 |
| Fairfax County | 14 | 1.2 | Martinsville City | 1 | 8.1 |

| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Mathews County | 1 | 11.4 |
| Mecklenburg County | 1 | 3.3 |
| Middlesex County | 0 | 0.0 |
| Montgomery County | 2 | 2.0 |
| Nelson County | 0 | 0.0 |
| New Kent County | 1 | 4.2 |
| Newport News City | 14 | 7.8 |
| Norfolk City | 29 | 11.9 |
| Northampton County | 0 | 0.0 |
| Northumberland County | 0 | 0.0 |
| Norton City | 0 | 0.0 |
| Nottoway County | 1 | 6.6 |
| Orange County | 1 | 2.7 |
| Page County | 3 | 12.5 |
| Patrick County | 2 | 11.4 |
| Petersburg City | 1 | 3.3 |
| Pittsylvania County | 6 | 10.0 |
| Poquoson City | 0 | 0.0 |
| Portsmouth City | 10 | 10.5 |
| Powhatan County | 3 | 10.0 |
| Prince Edward County | 1 | 4.3 |
| Prince George County | 3 | 7.8 |
| Prince William County | 19 | 4.0 |
| Pulaski County | 2 | 5.9 |
| Radford City | 1 | 5.5 |
| Rappahannock County | 1 | 13.8 |
| Richmond City | 19 | 8.2 |
| Richmond County | 1 | 11.0 |
| Roanoke City | 19 | 19.2 |
| Roanoke County | 6 | 6.3 |

| Locality of Residence | Deaths | Rate |
|--------------------------------|------------|------------|
| Rockbridge County | 2 | 8.8 |
| Rockingham County | 2 | 2.4 |
| Russell County | 1 | 3.8 |
| Salem City | 4 | 15.8 |
| Scott County | 4 | 18.5 |
| Shenandoah County | 1 | 2.3 |
| Smyth County | 2 | 6.6 |
| Southampton County | 0 | 0.0 |
| Spotsylvania County | 12 | 8.7 |
| Stafford County | 7 | 4.5 |
| Staunton City | 3 | 11.9 |
| Suffolk City | 7 | 7.5 |
| Surry County | 0 | 0.0 |
| Sussex County | 0 | 0.0 |
| Tazewell County | 8 | 19.7 |
| Virginia Beach City | 31 | 6.9 |
| Warren County | 9 | 22.2 |
| Washington County | 0 | 0.0 |
| Waynesboro City | 1 | 4.4 |
| Westmoreland County | 0 | 0.0 |
| Williamsburg City | 2 | 13.1 |
| Winchester City | 3 | 10.8 |
| Wise County | 3 | 8.1 |
| Wythe County | 2 | 7.0 |
| York County | 3 | 4.3 |
| <i>Subtotal (in-state)</i> | 473 | 5.5 |
| Out of State | 21 | ND |
| Unknown | 3 | ND |
| <i>Subtotal (out-of-state)</i> | 24 | ND |
| TOTAL | 497 | 5.8 |

Note: No denominator is represented by ND

Map 5.5 Number of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Locality of Residence, 2020



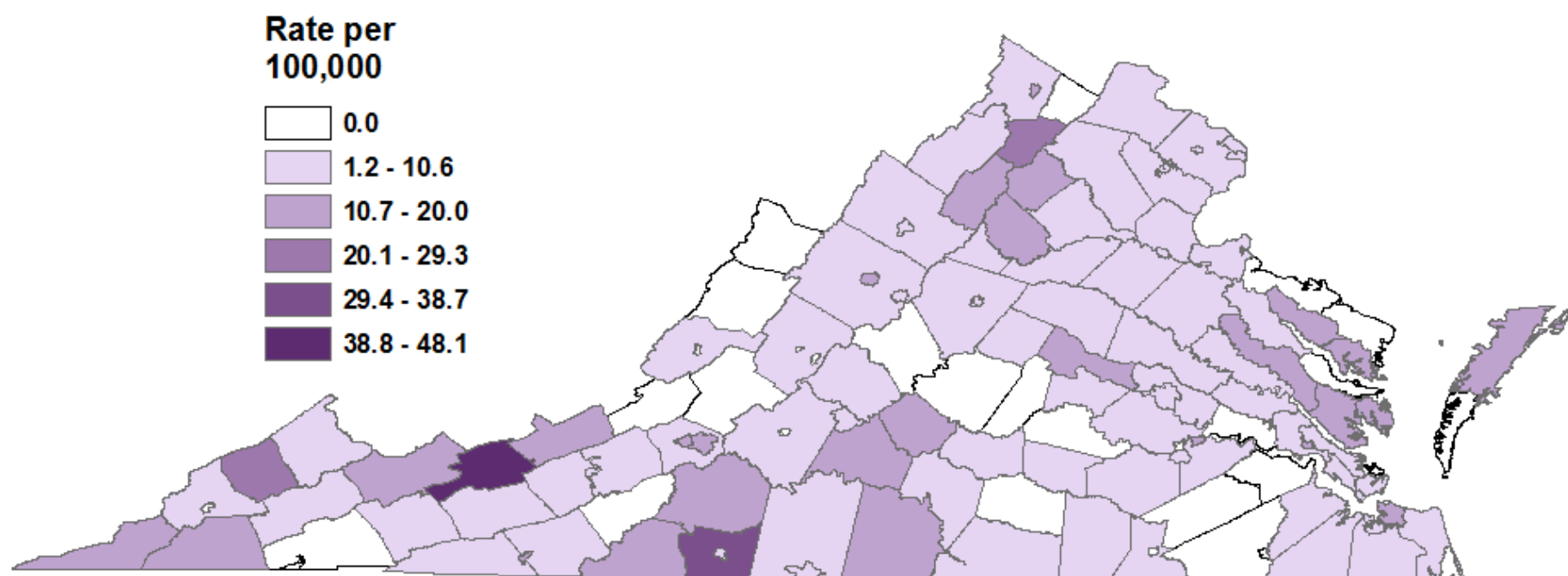
Map 5.6 Rates of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Locality of Residence, 2020

Table 5.12 Number and Rate of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Locality of Injury, 2020

| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Accomack County | 4 | 12.4 |
| Albemarle County | 2 | 1.8 |
| Alexandria City | 7 | 4.4 |
| Alleghany County | 1 | 6.8 |
| Amelia County | 0 | 0.0 |
| Amherst County | 0 | 0.0 |
| Appomattox County | 3 | 18.7 |
| Arlington County | 11 | 4.6 |
| Augusta County | 3 | 3.9 |
| Bath County | 0 | 0.0 |
| Bedford County | 3 | 3.8 |
| Bland County | 3 | 48.1 |
| Botetourt County | 0 | 0.0 |
| Bristol City | 1 | 5.8 |
| Brunswick County | 1 | 6.2 |
| Buchanan County | 0 | 0.0 |
| Buckingham County | 0 | 0.0 |
| Buena Vista City | 0 | 0.0 |
| Campbell County | 6 | 10.8 |
| Caroline County | 1 | 3.2 |
| Carroll County | 3 | 10.0 |
| Charles City County | 0 | 0.0 |
| Charlotte County | 1 | 8.5 |
| Charlottesville City | 2 | 4.3 |
| Chesapeake City | 16 | 6.5 |
| Chesterfield County | 18 | 5.0 |
| Clarke County | 0 | 0.0 |
| Colonial Heights City | 0 | 0.0 |
| Covington City | 0 | 0.0 |
| Craig County | 0 | 0.0 |
| Culpeper County | 4 | 7.5 |
| Cumberland County | 0 | 0.0 |
| Danville City | 2 | 5.0 |
| Dickenson County | 2 | 14.2 |
| Dinwiddie County | 0 | 0.0 |
| Emporia City | 0 | 0.0 |
| Essex County | 1 | 9.1 |
| Fairfax City | 1 | 4.3 |
| Fairfax County | 18 | 1.6 |
| Falls Church City | 0 | 0.0 |
| Fauquier County | 1 | 1.4 |
| Floyd County | 0 | 0.0 |

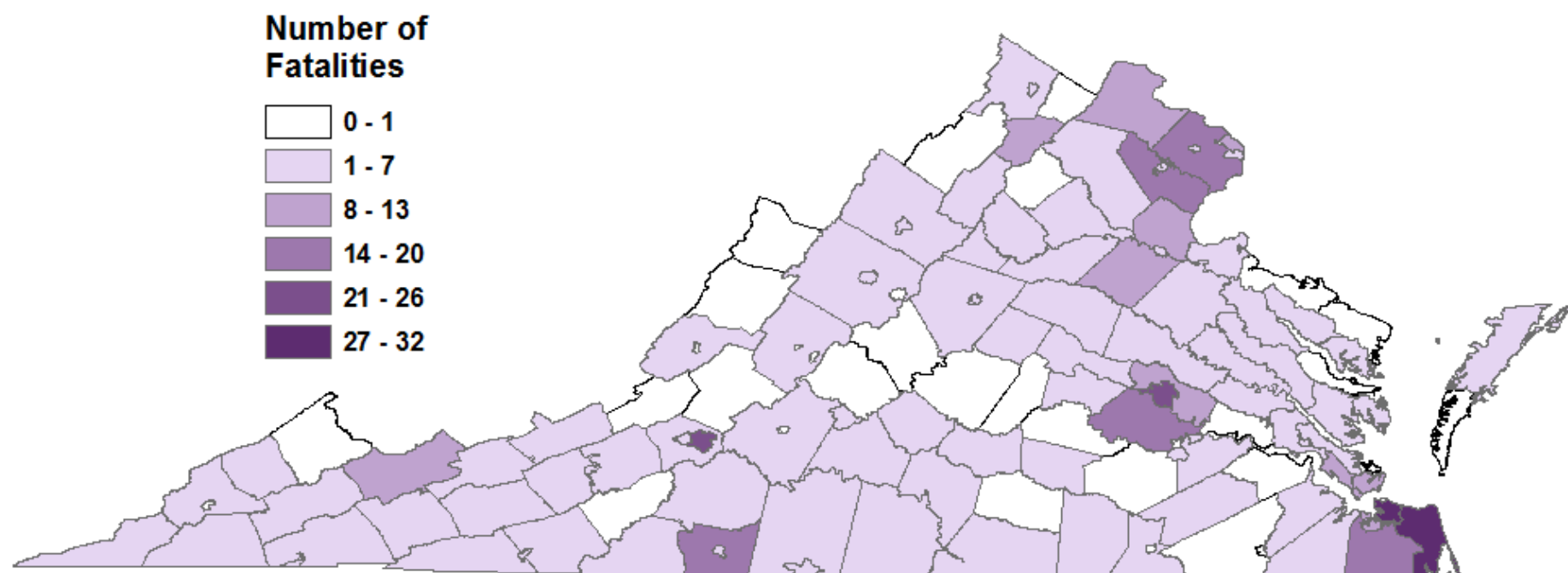
| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Fluvanna County | 1 | 3.6 |
| Franklin City | 0 | 0.0 |
| Franklin County | 6 | 10.7 |
| Frederick County | 7 | 7.7 |
| Fredericksburg City | 4 | 13.6 |
| Galax City | 1 | 15.9 |
| Giles County | 1 | 6.0 |
| Gloucester County | 4 | 10.7 |
| Goochland County | 3 | 12.3 |
| Grayson County | 1 | 6.5 |
| Greene County | 1 | 5.0 |
| Greensville County | 1 | 8.9 |
| Halifax County | 4 | 11.9 |
| Hampton City | 12 | 8.9 |
| Hanover County | 3 | 2.8 |
| Harrisonburg City | 1 | 1.9 |
| Henrico County | 9 | 2.7 |
| Henry County | 16 | 31.8 |
| Highland County | 0 | 0.0 |
| Hopewell City | 3 | 13.4 |
| Isle of Wight County | 1 | 2.7 |
| James City County | 3 | 3.9 |
| King and Queen County | 1 | 14.4 |
| King George County | 2 | 7.3 |
| King William County | 1 | 5.7 |
| Lancaster County | 2 | 18.8 |
| Lee County | 5 | 21.5 |
| Lexington City | 0 | 0.0 |
| Loudoun County | 9 | 2.1 |
| Louisa County | 1 | 2.6 |
| Lunenburg County | 0 | 0.0 |
| Lynchburg City | 2 | 2.5 |
| Madison County | 1 | 7.5 |
| Manassas City | 2 | 4.9 |
| Manassas Park City | 0 | 0.0 |
| Martinsville City | 1 | 8.1 |
| Mathews County | 1 | 11.4 |
| Mecklenburg County | 1 | 3.3 |
| Middlesex County | 0 | 0.0 |
| Montgomery County | 2 | 2.0 |
| Nelson County | 0 | 0.0 |
| New Kent County | 2 | 8.5 |

| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Newport News City | 13 | 7.3 |
| Norfolk City | 31 | 12.8 |
| Northampton County | 0 | 0.0 |
| Northumberland County | 0 | 0.0 |
| Norton City | 0 | 0.0 |
| Nottoway County | 1 | 6.6 |
| Orange County | 1 | 2.7 |
| Page County | 3 | 12.5 |
| Patrick County | 1 | 5.7 |
| Petersburg City | 3 | 9.9 |
| Pittsylvania County | 6 | 10.0 |
| Poquoson City | 0 | 0.0 |
| Portsmouth City | 8 | 8.4 |
| Powhatan County | 3 | 10.0 |
| Prince Edward County | 1 | 4.3 |
| Prince George County | 2 | 5.2 |
| Prince William County | 19 | 4.0 |
| Pulaski County | 3 | 8.8 |
| Radford City | 1 | 5.5 |
| Rappahannock County | 0 | 0.0 |
| Richmond City | 25 | 10.8 |
| Richmond County | 1 | 11.0 |
| Roanoke City | 22 | 22.2 |
| Roanoke County | 7 | 7.4 |
| Rockbridge County | 3 | 13.2 |
| Rockingham County | 1 | 1.2 |
| Russell County | 2 | 7.5 |
| Salem City | 5 | 19.7 |
| Scott County | 5 | 23.1 |
| Shenandoah County | 0 | 0.0 |
| Smyth County | 2 | 6.6 |
| Southampton County | 0 | 0.0 |
| Spotsylvania County | 10 | 7.2 |
| Stafford County | 8 | 5.1 |
| Staunton City | 4 | 15.9 |
| Suffolk City | 7 | 7.5 |
| Surry County | 0 | 0.0 |
| Sussex County | 1 | 9.2 |
| Tazewell County | 8 | 19.7 |
| Virginia Beach City | 32 | 7.1 |
| Warren County | 10 | 24.7 |
| Washington County | 1 | 1.9 |
| Waynesboro City | 0 | 0.0 |

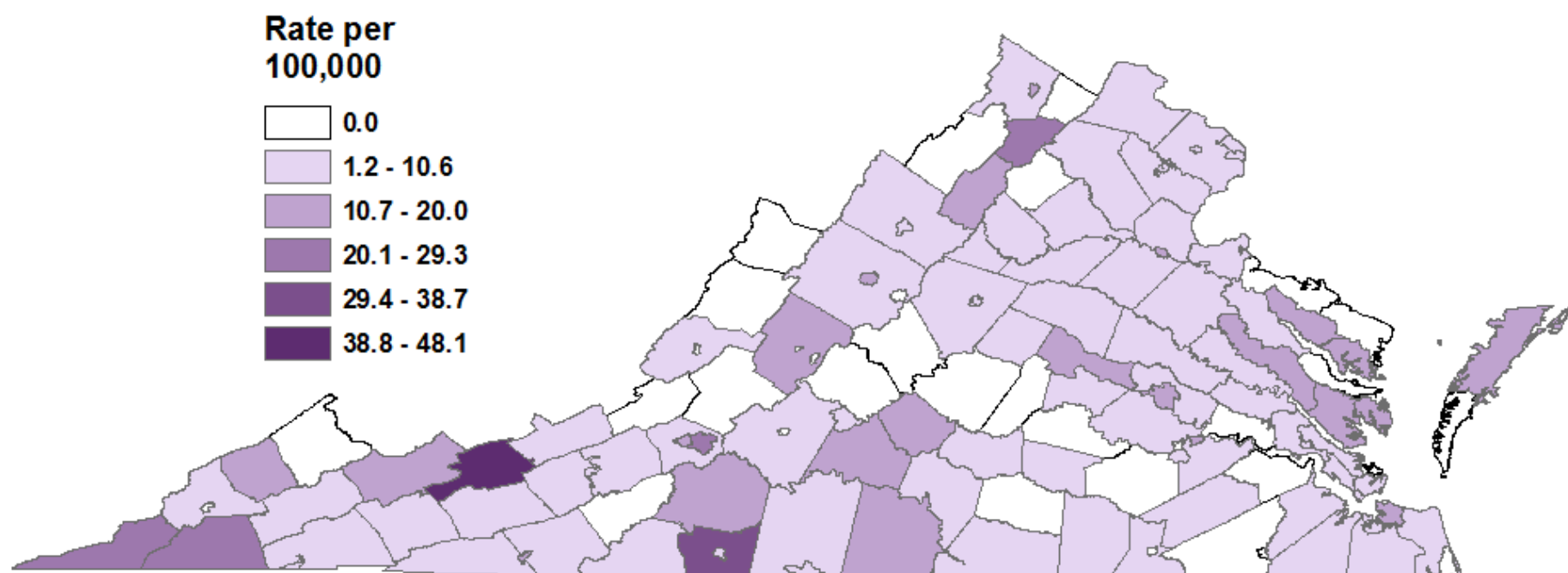
| Locality of Injury | Deaths | Rate |
|--------------------------------|------------|------------|
| Westmoreland County | 0 | 0.0 |
| Williamsburg City | 1 | 6.6 |
| Winchester City | 3 | 10.8 |
| Wise County | 2 | 5.4 |
| Wythe County | 2 | 7.0 |
| York County | 2 | 2.9 |
| <i>Subtotal (in-state)</i> | 490 | 5.7 |
| Out of State | 3 | ND |
| Unknown | 4 | ND |
| <i>Subtotal (out-of-state)</i> | 7 | ND |
| TOTAL | 497 | 5.8 |

Note: No denominator is represented by ND

Map 5.7 Number of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Locality of Injury, 2020



Map 5.8 Rates of Fatal Prescription Opioid (Excluding Fentanyl) Overdoses by Locality of Injury, 2020



FENTANYL AND/OR HEROIN DEATHS (N=1,702)

The number of fatal fentanyl and/or heroin overdoses has significantly increased each year since 2010. Illicitly-produced fentanyl began appearing in Virginia in 2013/2014 and is often mixed in with heroin or sold disguised as heroin, often unbeknownst to the user. In 2016, Virginia began seeing a spike in fentanyl analogs; drugs similar to fentanyl, but slightly different in their chemical structure which alters potency. Illicitly produced fentanyl, but not the various fentanyl analogs, is indistinguishable from pharmaceutical fentanyl in toxicology.

- Fatal fentanyl and/or heroin overdoses in 2020 increased by 58.6% when compared to 2019
- Over 99% of fatal fentanyl and/or heroin overdoses in 2020 were accidents
- In 2020, males 35-44 years of age had the highest rate of death (64.6 deaths per 100,000 persons)
- Fentanyl and/or heroin was involved in 73.7% of all drug/poison cases in Virginia in 2020
- Of all fentanyl and/or heroin overdoses in 2020, only 16.5% occurred in the Western OCME region

Figure 5.18 Number and Rate of Fatal Fentanyl and/or Heroin Overdoses by Year of Death, 2007-2020

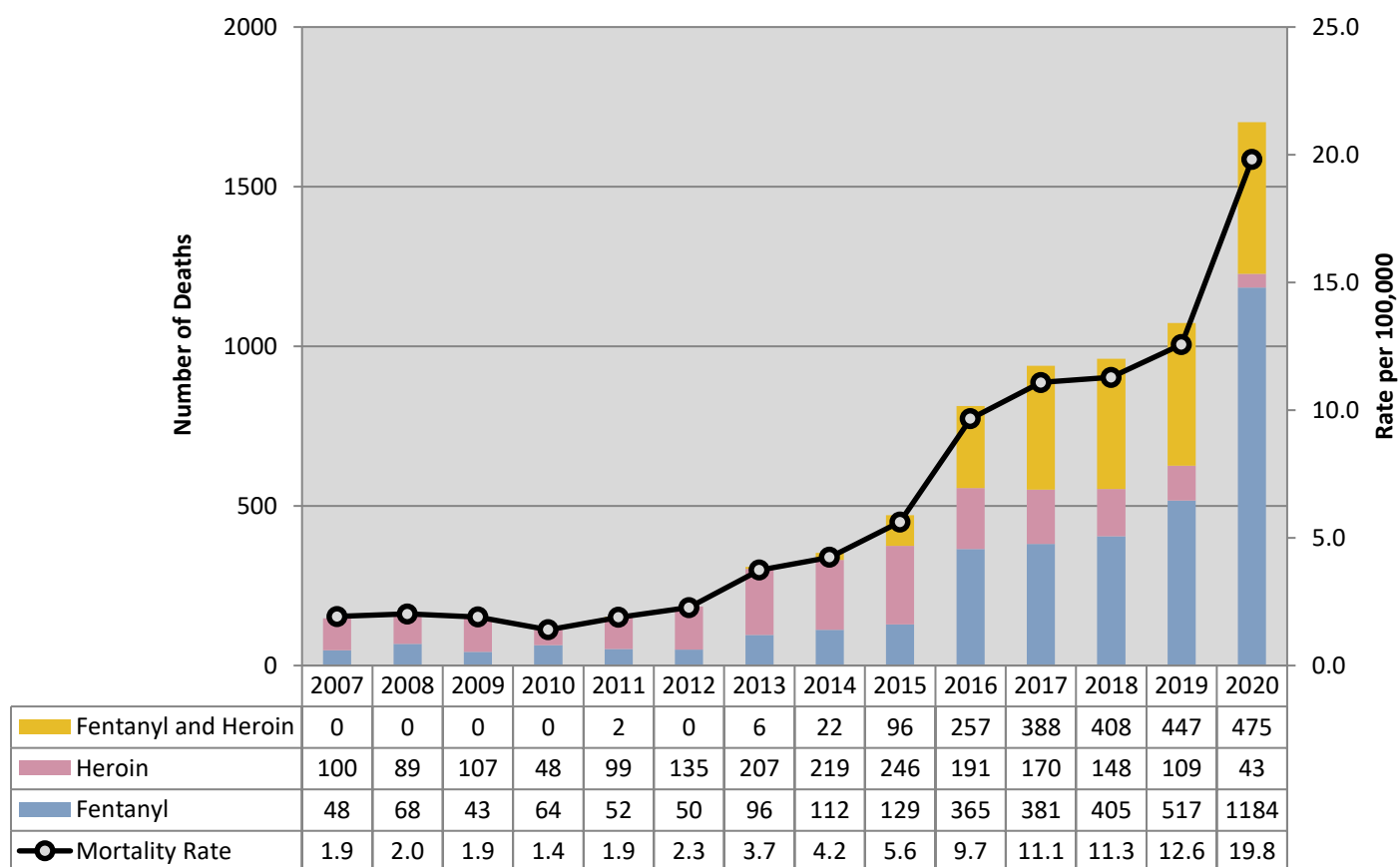
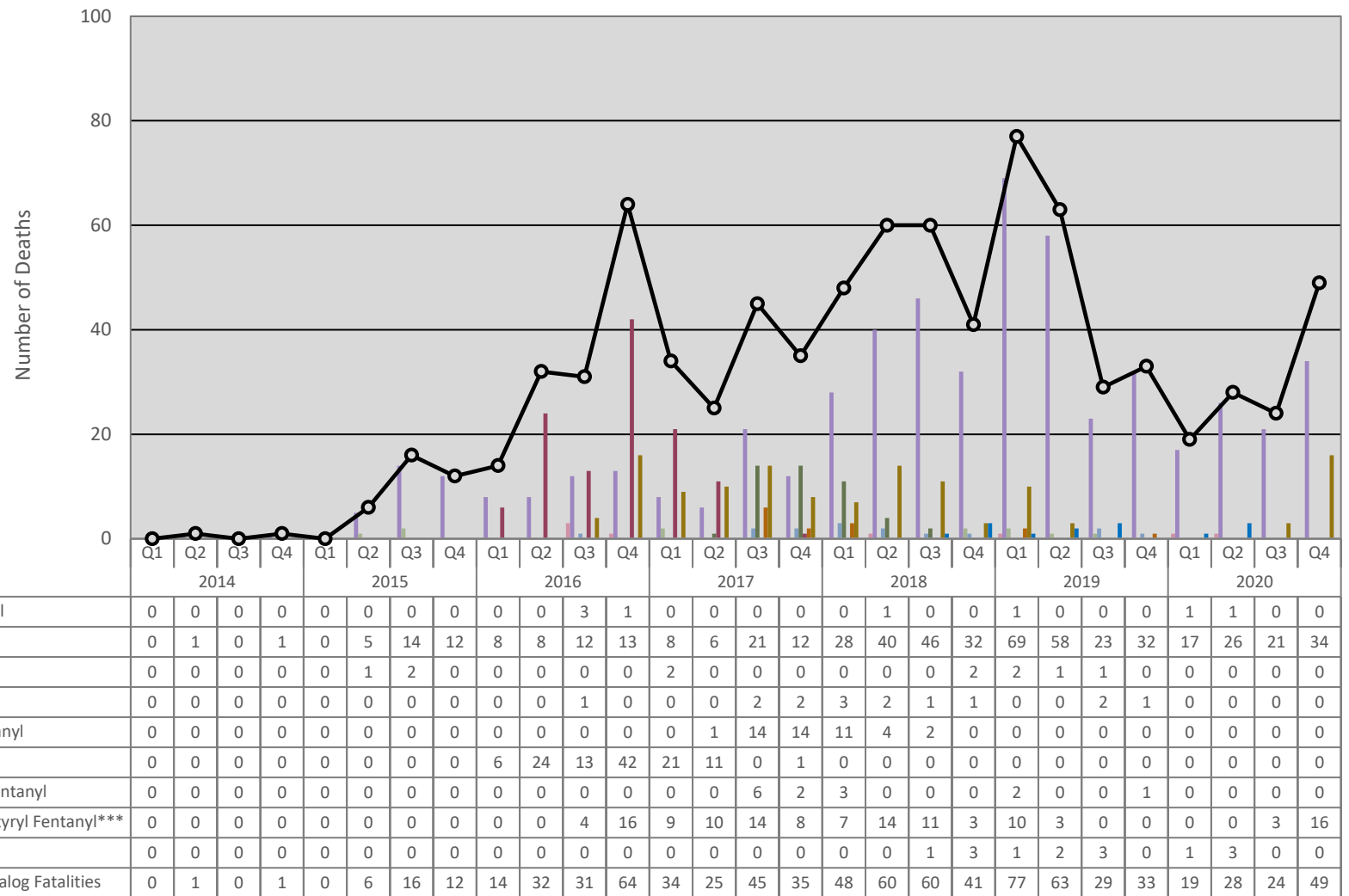


Figure 5.19 Number of Fatal Fentanyl Analog Overdoses Quarter, 2014-2020



** Each fentanyl analog is tallied by each time it caused or contributed to death (analyzed from either toxicology or the cause of death statement) and therefore the total number of analogs will exceed the actual number of fatalities

Table 5.13 Number of Fatal Fentanyl and/or Heroin Overdoses by OCME District, 2020

| OCME District | Fentanyl | Heroin | Fentanyl and Heroin | Total |
|---------------|-------------|-----------|---------------------|-------------|
| Central | 388 | 10 | 202 | 600 |
| Northern | 330 | 5 | 50 | 385 |
| Tidewater | 275 | 14 | 147 | 436 |
| Western | 191 | 14 | 76 | 281 |
| Total | 1184 | 43 | 475 | 1702 |

Figure 5.20 Percentage of Fatal Fentanyl and/or Heroin Overdoses by Manner of Death, 2020

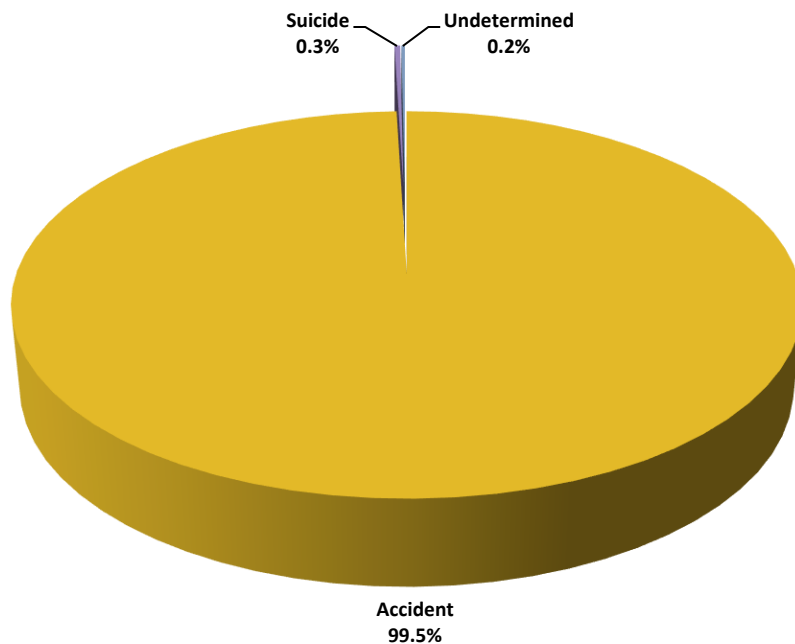


Figure 5.21 Number and Rate of Fatal Fentanyl and/or Heroin Overdoses by Age Group and Gender, 2020

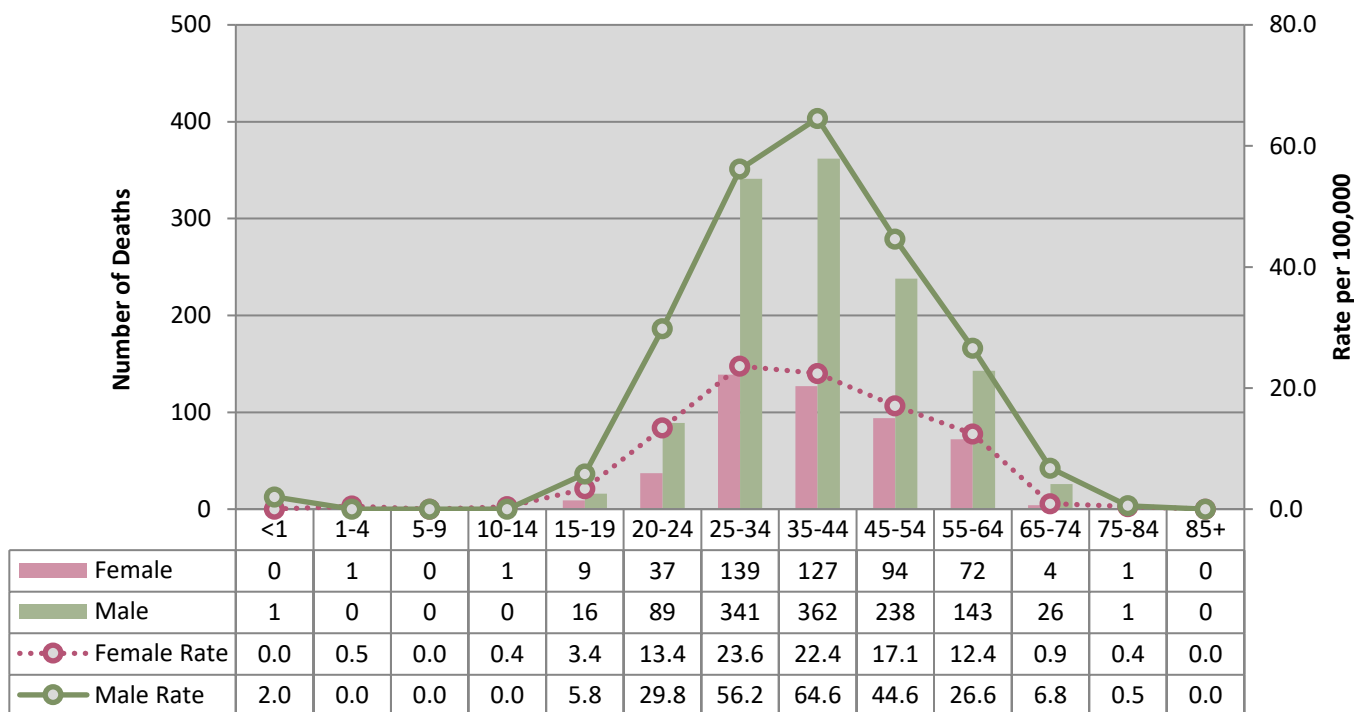


Figure 5.22 Percentage of Fatal Fentanyl and/or Heroin Overdoses by Race/Ethnicity, 2020

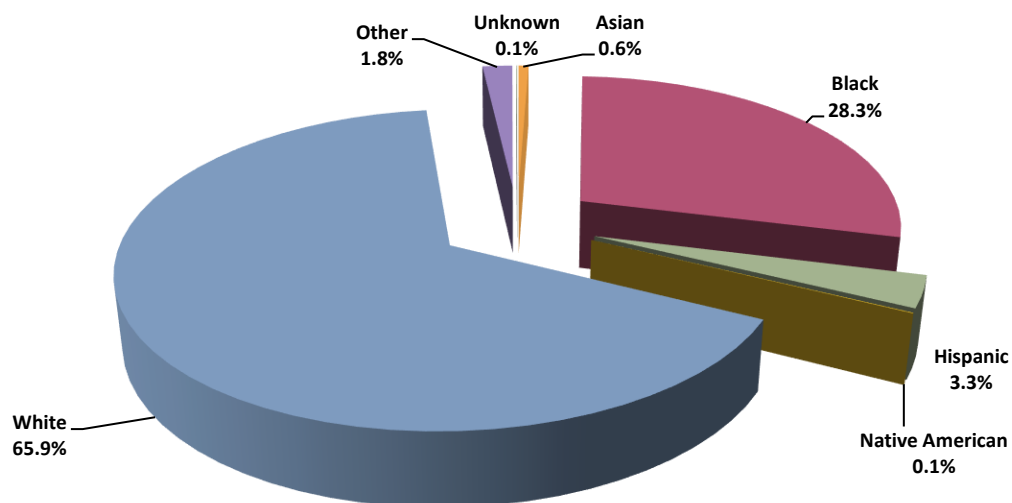
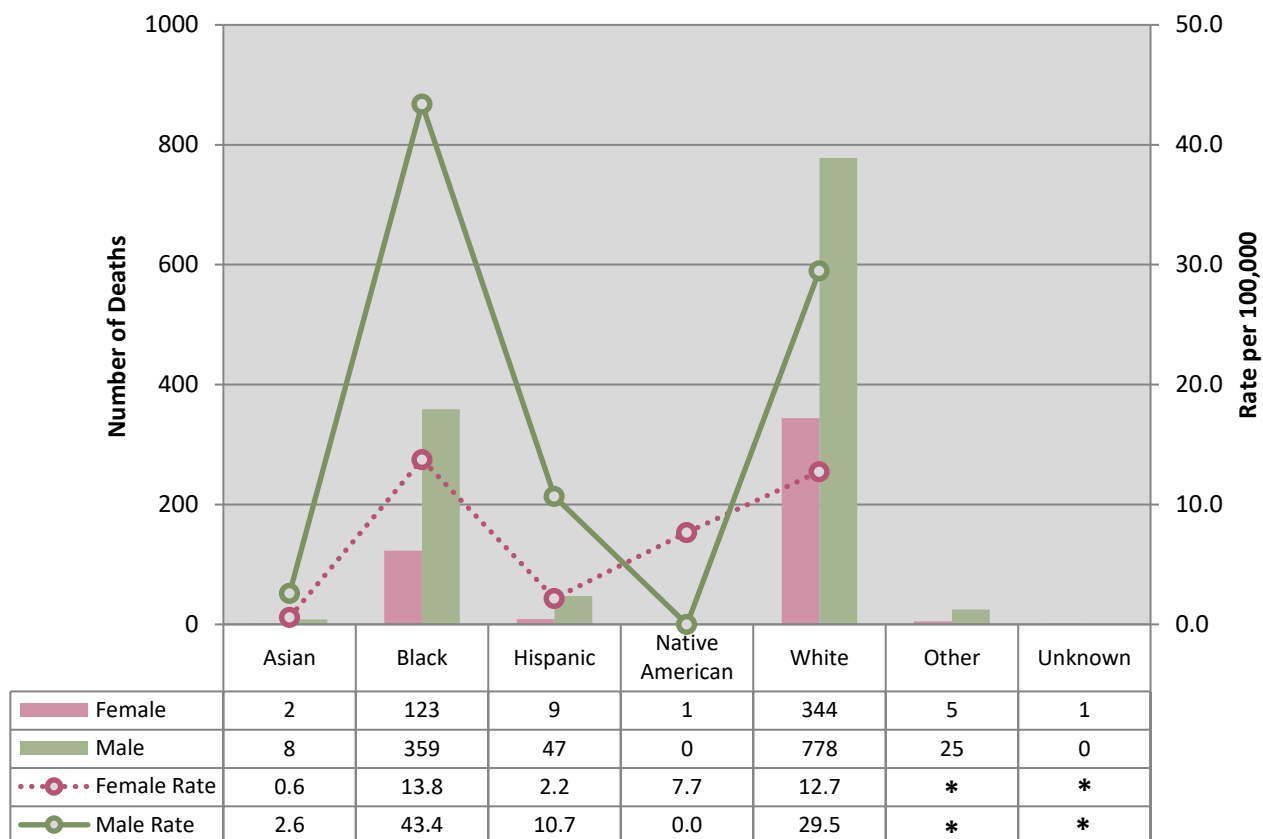


Figure 5.23 Number and Rate of Fatal Fentanyl and/or Heroin Overdoses by Race/Ethnicity and Gender, 2020



*No rate can be calculated

Note: Rates calculated from small case counts (n<5) are considered unreliable and should be interpreted with caution (Asian females and Native American females)

Table 5.14 Number and Percentage of Fatal Fentanyl and/or Heroin Overdoses by Whether Alcohol Caused Death, 2020

| Whether Alcohol Played a Role in Death | Deaths | Percentage |
|--|-------------|---------------|
| Yes | 250 | 14.7% |
| Contributed | 67 | 3.9% |
| No | 1385 | 81.4% |
| TOTAL | 1702 | 100.0% |

Table 5.15 Number and Rate of Fatal Fentanyl and/or Heroin Overdoses by Locality of Residence, 2020

| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Accomack County | 2 | 6.2 |
| Albemarle County | 7 | 6.3 |
| Alexandria City | 14 | 8.8 |
| Alleghany County | 3 | 20.4 |
| Amelia County | 7 | 53.8 |
| Amherst County | 6 | 18.9 |
| Appomattox County | 1 | 6.2 |
| Arlington County | 22 | 9.2 |
| Augusta County | 6 | 7.8 |
| Bath County | 0 | 0.0 |
| Bedford County | 10 | 12.5 |
| Bland County | 2 | 32.1 |
| Botetourt County | 6 | 17.8 |
| Bristol City | 0 | 0.0 |
| Brunswick County | 6 | 37.4 |
| Buchanan County | 1 | 4.9 |
| Buckingham County | 3 | 17.5 |
| Buena Vista City | 0 | 0.0 |
| Campbell County | 5 | 9.0 |
| Caroline County | 11 | 35.6 |
| Carroll County | 0 | 0.0 |
| Charles City County | 0 | 0.0 |
| Charlotte County | 7 | 59.2 |
| Charlottesville City | 7 | 14.9 |
| Chesapeake City | 51 | 20.6 |
| Chesterfield County | 92 | 25.7 |
| Clarke County | 0 | 0.0 |
| Colonial Heights City | 0 | 0.0 |
| Covington City | 1 | 17.7 |
| Craig County | 2 | 39.4 |
| Culpeper County | 14 | 26.1 |
| Cumberland County | 1 | 10.1 |
| Danville City | 10 | 25.1 |
| Dickenson County | 0 | 0.0 |
| Dinwiddie County | 11 | 38.3 |
| Emporia City | 2 | 38.0 |
| Essex County | 3 | 27.4 |
| Fairfax City | 1 | 4.3 |
| Fairfax County | 73 | 6.3 |

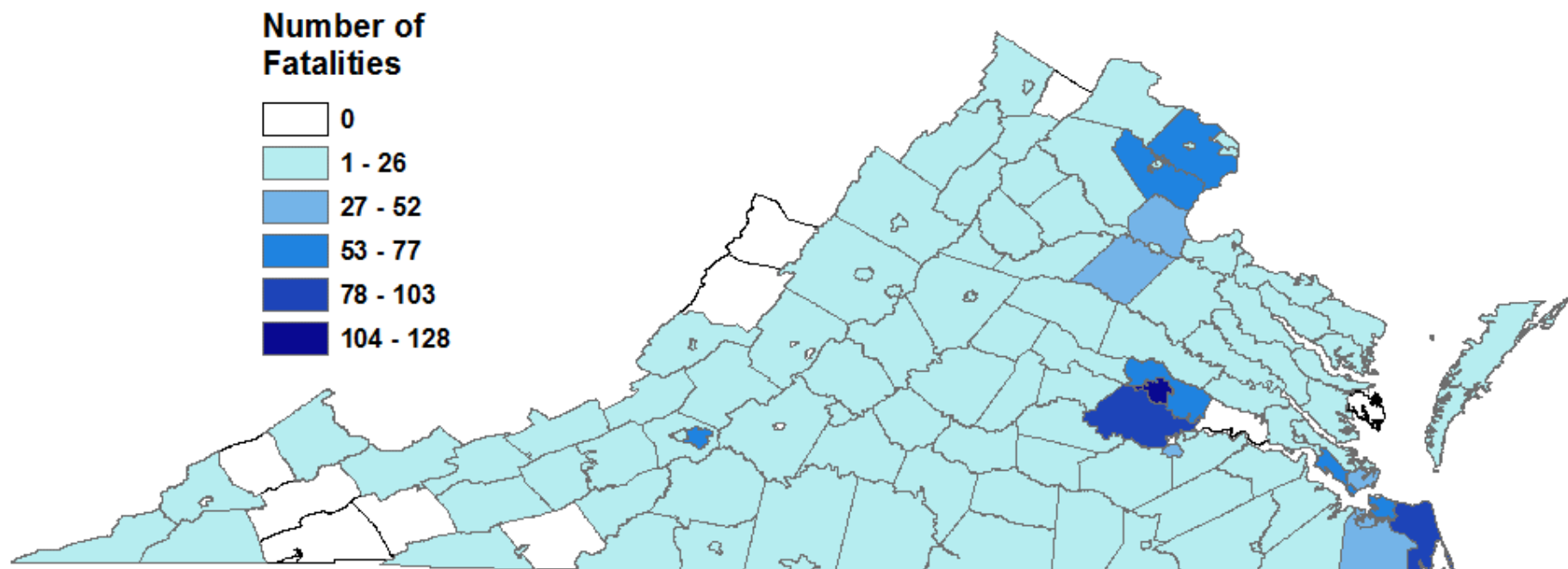
| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Falls Church City | 0 | 0.0 |
| Fauquier County | 8 | 11.2 |
| Floyd County | 2 | 12.7 |
| Fluvanna County | 2 | 7.3 |
| Franklin City | 2 | 25.5 |
| Franklin County | 10 | 17.8 |
| Frederick County | 19 | 20.9 |
| Fredericksburg City | 14 | 47.5 |
| Galax City | 1 | 15.9 |
| Giles County | 3 | 18.0 |
| Gloucester County | 9 | 24.0 |
| Goochland County | 3 | 12.3 |
| Grayson County | 1 | 6.5 |
| Greene County | 3 | 14.9 |
| Greensville County | 6 | 53.2 |
| Halifax County | 7 | 20.8 |
| Hampton City | 34 | 25.1 |
| Hanover County | 23 | 21.2 |
| Harrisonburg City | 1 | 1.9 |
| Henrico County | 74 | 22.2 |
| Henry County | 22 | 43.7 |
| Highland County | 0 | 0.0 |
| Hopewell City | 14 | 62.6 |
| Isle of Wight County | 6 | 15.9 |
| James City County | 15 | 19.3 |
| King and Queen County | 3 | 43.2 |
| King George County | 6 | 21.9 |
| King William County | 5 | 28.3 |
| Lancaster County | 3 | 28.3 |
| Lee County | 2 | 8.6 |
| Lexington City | 0 | 0.0 |
| Loudoun County | 23 | 5.4 |
| Louisa County | 7 | 18.4 |
| Lunenburg County | 1 | 8.2 |
| Lynchburg City | 13 | 15.9 |
| Madison County | 2 | 15.0 |
| Manassas City | 10 | 24.5 |
| Manassas Park City | 5 | 27.8 |
| Martinsville City | 6 | 48.6 |

| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Mathews County | 0 | 0.0 |
| Mecklenburg County | 6 | 19.6 |
| Middlesex County | 3 | 28.4 |
| Montgomery County | 11 | 11.2 |
| Nelson County | 1 | 6.8 |
| New Kent County | 3 | 12.7 |
| Newport News City | 56 | 31.3 |
| Norfolk City | 66 | 27.2 |
| Northampton County | 1 | 8.6 |
| Northumberland County | 1 | 8.3 |
| Norton City | 0 | 0.0 |
| Nottoway County | 2 | 13.2 |
| Orange County | 10 | 26.5 |
| Page County | 5 | 20.9 |
| Patrick County | 5 | 28.6 |
| Petersburg City | 28 | 92.0 |
| Pittsylvania County | 9 | 15.0 |
| Poquoson City | 4 | 32.6 |
| Portsmouth City | 42 | 44.2 |
| Powhatan County | 11 | 36.5 |
| Prince Edward County | 5 | 21.7 |
| Prince George County | 4 | 10.3 |
| Prince William County | 77 | 16.2 |
| Pulaski County | 7 | 20.6 |
| Radford City | 1 | 5.5 |
| Rappahannock County | 6 | 82.6 |
| Richmond City | 128 | 55.1 |
| Richmond County | 1 | 11.0 |
| Roanoke City | 60 | 60.6 |
| Roanoke County | 20 | 21.2 |
| Rockbridge County | 2 | 8.8 |

| Locality of Residence | Deaths | Rate |
|--------------------------------|-------------|-------------|
| Rockingham County | 9 | 10.9 |
| Russell County | 0 | 0.0 |
| Salem City | 4 | 15.8 |
| Scott County | 2 | 9.2 |
| Shenandoah County | 8 | 18.2 |
| Smyth County | 0 | 0.0 |
| Southampton County | 3 | 17.0 |
| Spotsylvania County | 45 | 32.5 |
| Stafford County | 34 | 21.7 |
| Staunton City | 2 | 7.9 |
| Suffolk City | 25 | 26.6 |
| Surry County | 1 | 15.7 |
| Sussex County | 1 | 9.2 |
| Tazewell County | 11 | 27.1 |
| Virginia Beach City | 87 | 19.3 |
| Warren County | 17 | 42.0 |
| Washington County | 0 | 0.0 |
| Waynesboro City | 4 | 17.6 |
| Westmoreland County | 2 | 11.0 |
| Williamsburg City | 4 | 26.2 |
| Winchester City | 12 | 43.3 |
| Wise County | 6 | 16.1 |
| Wythe County | 2 | 7.0 |
| York County | 11 | 15.9 |
| <i>Subtotal (in-state)</i> | 1617 | 18.8 |
| Out of State | 75 | ND |
| Unknown | 10 | ND |
| <i>Subtotal (out-of-state)</i> | 85 | ND |
| TOTAL | 1702 | 19.8 |

Note: No denominator is represented by ND.

Map 5.9 Number of Fatal Fentanyl and/or Heroin Overdoses by Locality of Residence, 2020



Map 5.10 Rates of Fatal Fentanyl and/or Heroin Overdose by Locality of Residence, 2020

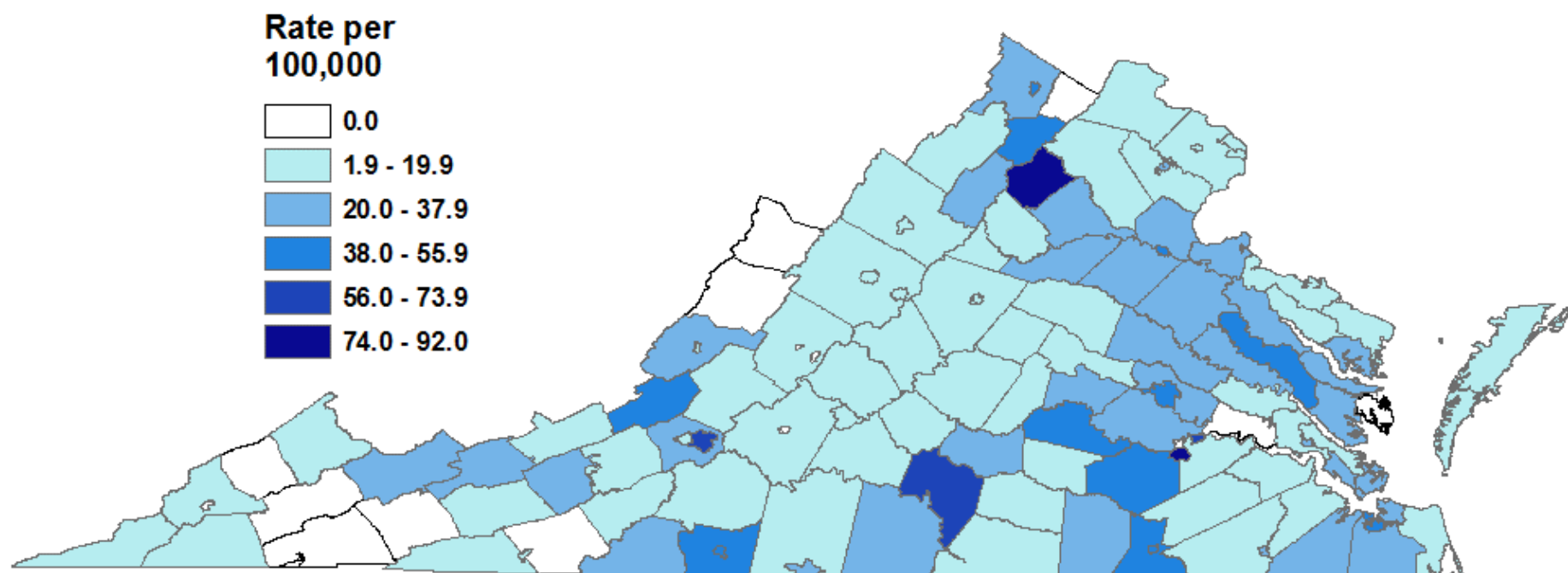


Table 5.16 Number and Rate of Fatal Fentanyl and/or Heroin Overdoses by Locality of Injury, 2020

| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Accomack County | 2 | 6.2 |
| Albemarle County | 12 | 10.8 |
| Alexandria City | 13 | 8.2 |
| Alleghany County | 4 | 27.2 |
| Amelia County | 3 | 23.1 |
| Amherst County | 5 | 15.8 |
| Appomattox County | 2 | 12.5 |
| Arlington County | 20 | 8.3 |
| Augusta County | 7 | 9.1 |
| Bath County | 0 | 0.0 |
| Bedford County | 10 | 12.5 |
| Bland County | 2 | 32.1 |
| Botetourt County | 6 | 17.8 |
| Bristol City | 1 | 5.8 |
| Brunswick County | 6 | 37.4 |
| Buchanan County | 0 | 0.0 |
| Buckingham County | 2 | 11.6 |
| Buena Vista City | 0 | 0.0 |
| Campbell County | 3 | 5.4 |
| Caroline County | 10 | 32.4 |
| Carroll County | 0 | 0.0 |
| Charles City County | 0 | 0.0 |
| Charlotte County | 4 | 33.8 |
| Charlottesville City | 7 | 14.9 |
| Chesapeake City | 46 | 18.6 |
| Chesterfield County | 80 | 22.3 |
| Clarke County | 3 | 20.5 |
| Colonial Heights City | 0 | 0.0 |
| Covington City | 2 | 35.5 |
| Craig County | 0 | 0.0 |
| Culpeper County | 7 | 13.1 |
| Cumberland County | 1 | 10.1 |
| Danville City | 10 | 25.1 |
| Dickenson County | 0 | 0.0 |
| Dinwiddie County | 6 | 20.9 |
| Emporia City | 2 | 38.0 |
| Essex County | 4 | 36.6 |
| Fairfax City | 0 | 0.0 |
| Fairfax County | 88 | 7.6 |
| Falls Church City | 0 | 0.0 |
| Fauquier County | 7 | 9.8 |
| Floyd County | 1 | 6.3 |

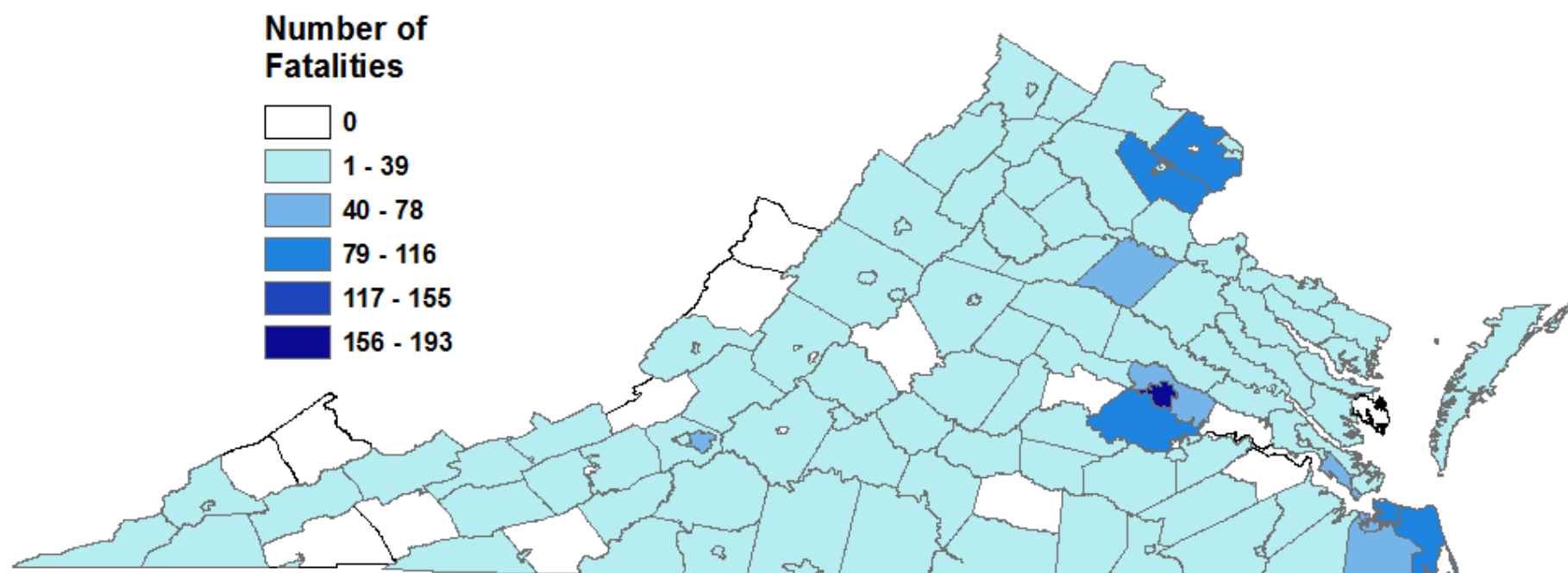
| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Fluvanna County | 3 | 10.9 |
| Franklin City | 3 | 38.3 |
| Franklin County | 7 | 12.5 |
| Frederick County | 23 | 25.2 |
| Fredericksburg City | 14 | 47.5 |
| Galax City | 1 | 15.9 |
| Giles County | 3 | 18.0 |
| Gloucester County | 7 | 18.7 |
| Goochland County | 3 | 12.3 |
| Grayson County | 1 | 6.5 |
| Greene County | 3 | 14.9 |
| Greensville County | 7 | 62.1 |
| Halifax County | 8 | 23.8 |
| Hampton City | 37 | 27.3 |
| Hanover County | 26 | 24.0 |
| Harrisonburg City | 3 | 5.6 |
| Henrico County | 63 | 18.9 |
| Henry County | 26 | 51.7 |
| Highland County | 0 | 0.0 |
| Hopewell City | 15 | 67.0 |
| Isle of Wight County | 4 | 10.6 |
| James City County | 13 | 16.7 |
| King and Queen County | 3 | 43.2 |
| King George County | 6 | 21.9 |
| King William County | 5 | 28.3 |
| Lancaster County | 3 | 28.3 |
| Lee County | 2 | 8.6 |
| Lexington City | 0 | 0.0 |
| Loudoun County | 24 | 5.7 |
| Louisa County | 5 | 13.1 |
| Lunenburg County | 0 | 0.0 |
| Lynchburg City | 14 | 17.2 |
| Madison County | 4 | 30.0 |
| Manassas City | 13 | 31.8 |
| Manassas Park City | 5 | 27.8 |
| Martinsville City | 5 | 40.5 |
| Mathews County | 0 | 0.0 |
| Mecklenburg County | 7 | 22.8 |
| Middlesex County | 4 | 37.8 |
| Montgomery County | 7 | 7.1 |
| Nelson County | 0 | 0.0 |
| New Kent County | 2 | 8.5 |

| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Newport News City | 63 | 35.2 |
| Norfolk City | 82 | 33.8 |
| Northampton County | 1 | 8.6 |
| Northumberland County | 1 | 8.3 |
| Norton City | 1 | 25.1 |
| Nottoway County | 1 | 6.6 |
| Orange County | 7 | 18.6 |
| Page County | 6 | 25.1 |
| Patrick County | 3 | 17.1 |
| Petersburg City | 28 | 92.0 |
| Pittsylvania County | 9 | 15.0 |
| Poquoson City | 2 | 16.3 |
| Portsmouth City | 48 | 50.5 |
| Powhatan County | 0 | 0.0 |
| Prince Edward County | 4 | 17.4 |
| Prince George County | 5 | 12.9 |
| Prince William County | 84 | 17.7 |
| Pulaski County | 7 | 20.6 |
| Radford City | 0 | 0.0 |
| Rappahannock County | 4 | 55.1 |
| Richmond City | 193 | 83.1 |
| Richmond County | 1 | 11.0 |
| Roanoke City | 73 | 73.7 |
| Roanoke County | 19 | 20.1 |
| Rockbridge County | 1 | 4.4 |
| Rockingham County | 4 | 4.9 |
| Russell County | 1 | 3.8 |
| Salem City | 5 | 19.7 |

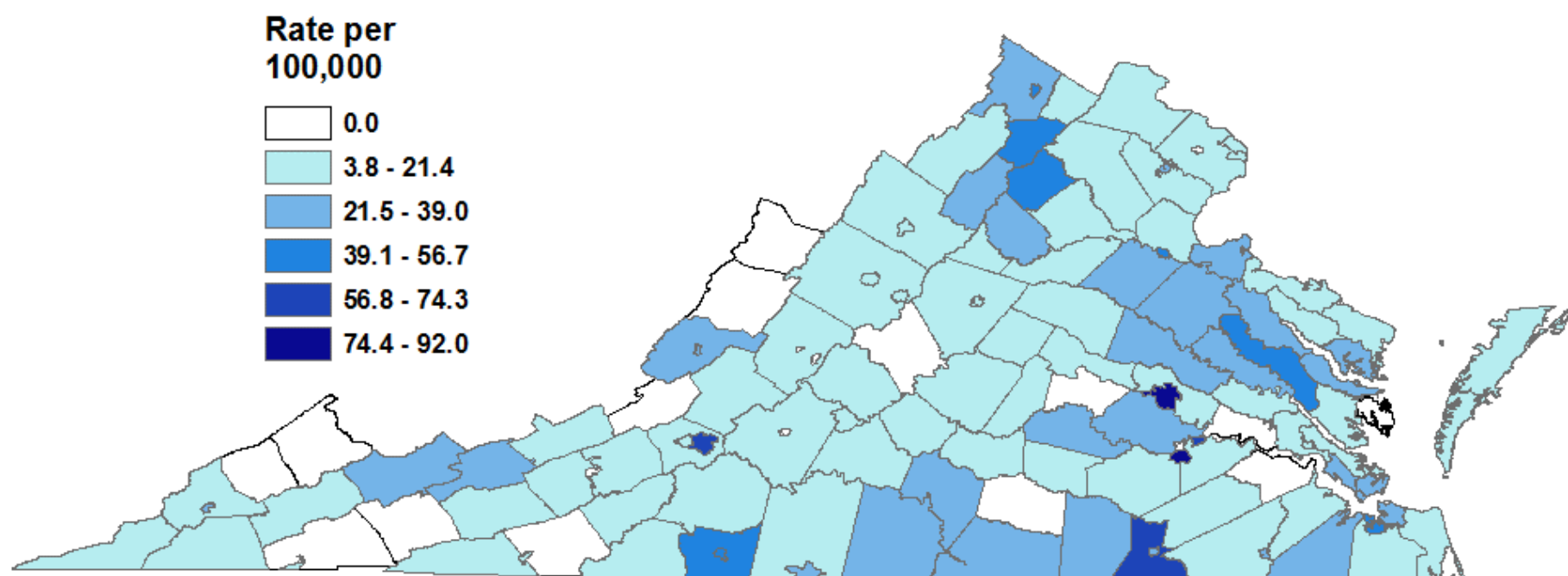
| Locality of Injury | Deaths | Rate |
|--------------------------------|-------------|-------------|
| Scott County | 2 | 9.2 |
| Shenandoah County | 7 | 15.9 |
| Smyth County | 0 | 0.0 |
| Southampton County | 2 | 11.3 |
| Spotsylvania County | 46 | 33.2 |
| Stafford County | 31 | 19.8 |
| Staunton City | 2 | 7.9 |
| Suffolk City | 22 | 23.4 |
| Surry County | 0 | 0.0 |
| Sussex County | 1 | 9.2 |
| Tazewell County | 11 | 27.1 |
| Virginia Beach City | 87 | 19.3 |
| Warren County | 21 | 51.9 |
| Washington County | 0 | 0.0 |
| Waynesboro City | 4 | 17.6 |
| Westmoreland County | 2 | 11.0 |
| Williamsburg City | 3 | 19.7 |
| Winchester City | 13 | 46.9 |
| Wise County | 4 | 10.8 |
| Wythe County | 2 | 7.0 |
| York County | 9 | 13.0 |
| <i>Subtotal (in-state)</i> | 1677 | 19.5 |
| Out of State | 7 | ND |
| Unknown | 18 | ND |
| <i>Subtotal (out-of-state)</i> | 25 | ND |
| TOTAL | 1702 | 19.8 |

Note: No denominator is represented by ND.

Map 5.11 Number of Fatal Fentanyl and/or Heroin Overdoses by Locality of Injury, 2020



Map 5.12 Rates of Fatal Fentanyl and/or Heroin Overdose by Locality of Injury, 2020



ALL OPIOID DEATHS (N=1,915)

All fatal opioid overdoses include fatal overdoses that included at least fentanyl, heroin, U-47700 (a synthetic illicit opioid), and/or one or more prescription opioids. Fatal opioid overdoses increased in 2020 when compared to 2019 (47.5%) and represented 82.9% of all fatal drug overdose cases in 2020.

- Black males and males aged 35-44 years had the highest mortality rates compared to other demographic groups (45.1 and 68.1 deaths per 100,000 persons, respectively)
- Nearly 98% of all fatal opioid overdoses in 2020 were accidents
- Out of all opioids in 2020, fentanyl (Rx, illicit, and analogs) was responsible for the largest number of opioid deaths (86.6%)

Figure 5.24 Number and Rate of All Fatal Opioid Overdoses Year of Death, 2007-2020

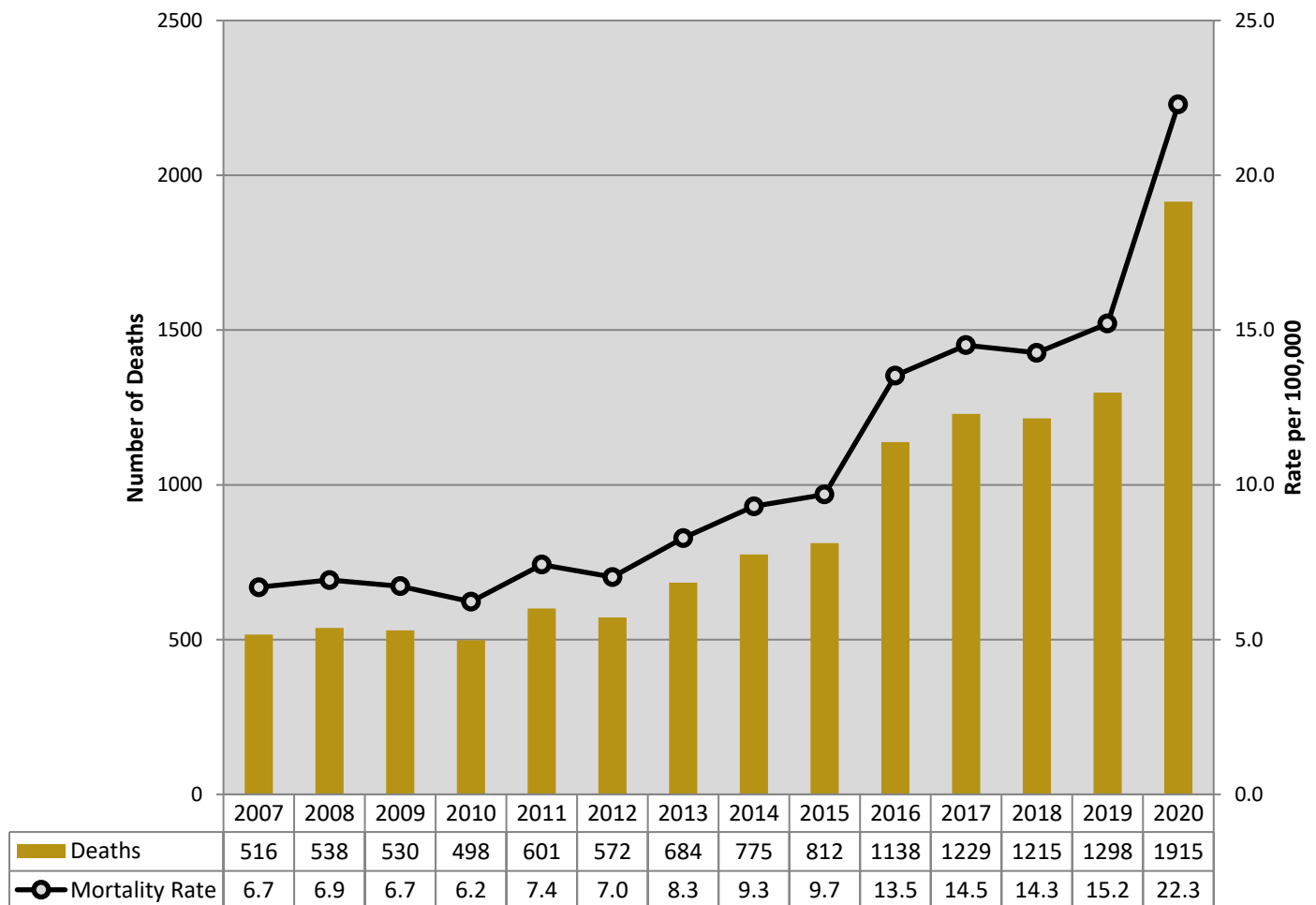


Table 5.17 Number of All Fatal Opioid Overdoses by Combination and OCME District, 2020

| Drug Combination | Central | Northern | Tidewater | Western | Total |
|---|------------|------------|------------|------------|-------------|
| Fentanyl and/or heroin | 539 | 307 | 345 | 215 | 1406 |
| Fentanyl and/or heroin and one more prescription opioids (excluding fentanyl) | 61 | 78 | 91 | 66 | 296 |
| One or more prescription opioids (excluding fentanyl) | 47 | 30 | 45 | 79 | 201 |
| Opioids unspecified | 2 | 2 | 4 | 4 | 12 |
| Total | 649 | 417 | 485 | 364 | 1915 |

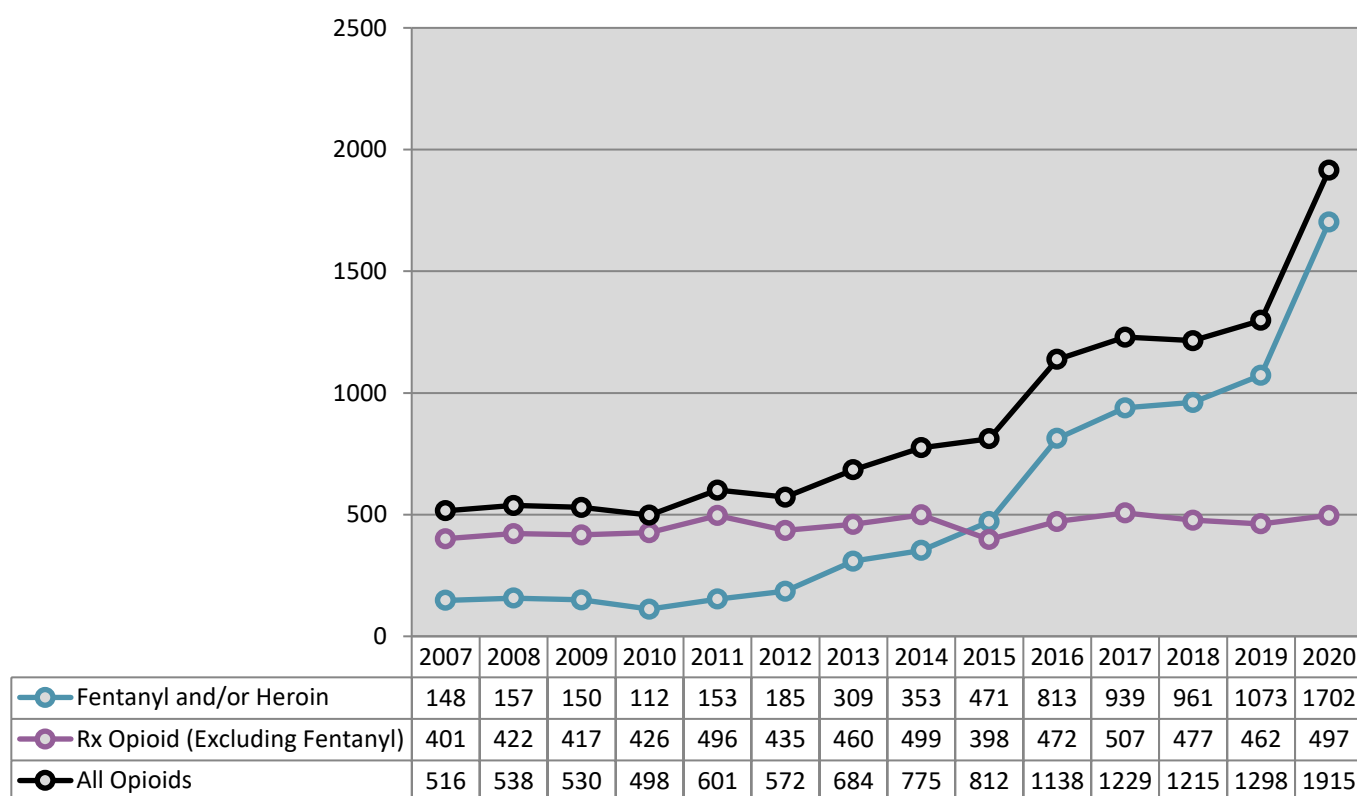
Figure 5.25 Percentage of All Fatal Opioid Overdoses by Manner of Death, 2020

Figure 5.26 Percentage of All Fatal Opioid Overdoses by Manner of Death, 2020

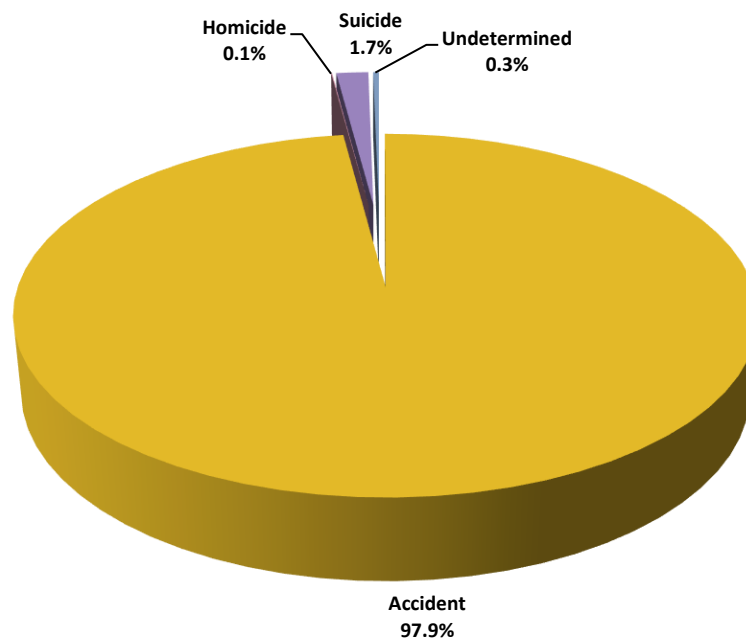


Figure 5.27 Number and Rate of All Fatal Opioid Overdoses by Age Group and Gender, 2020

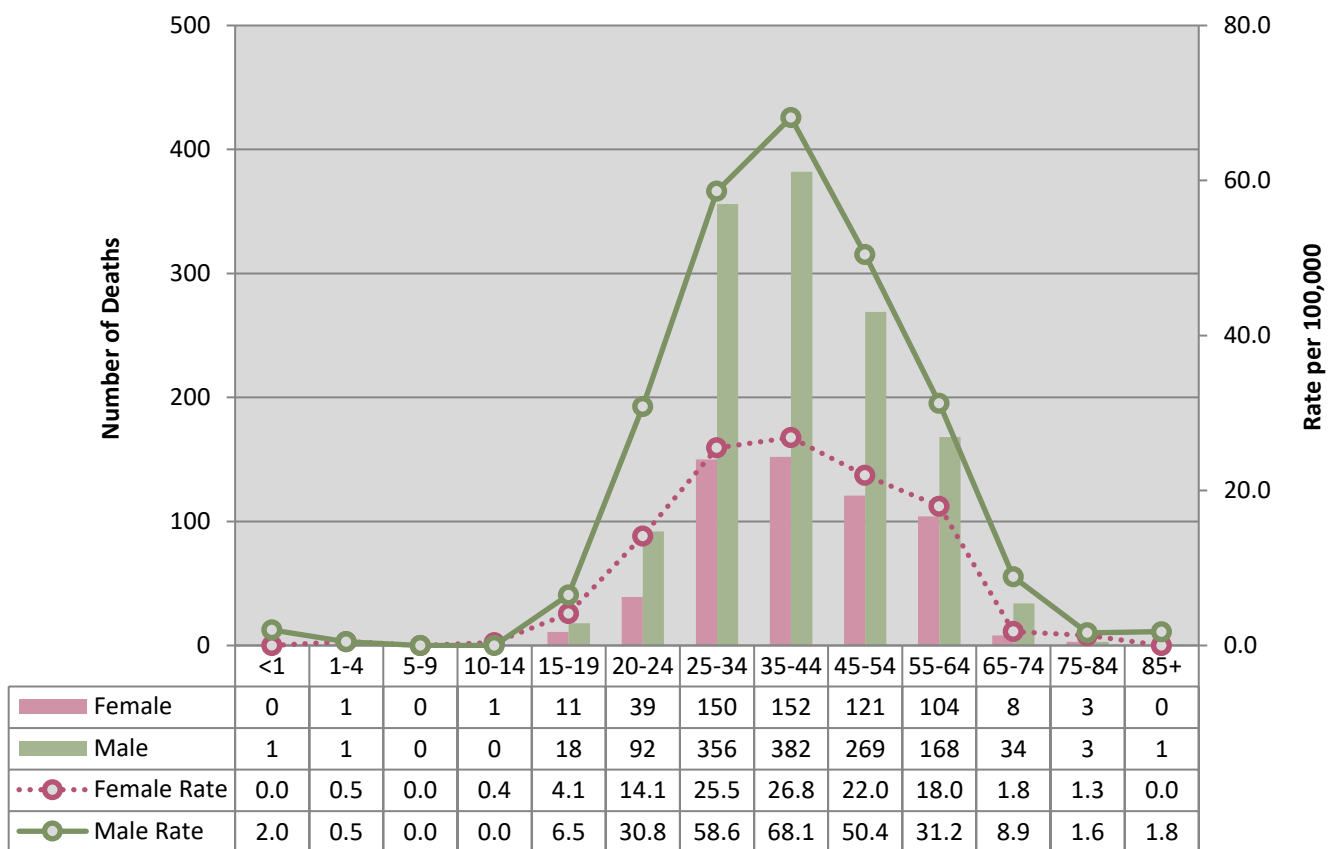


Figure 5.28 Percentage of All Fatal Opioid Overdoses by Race/Ethnicity, 2020

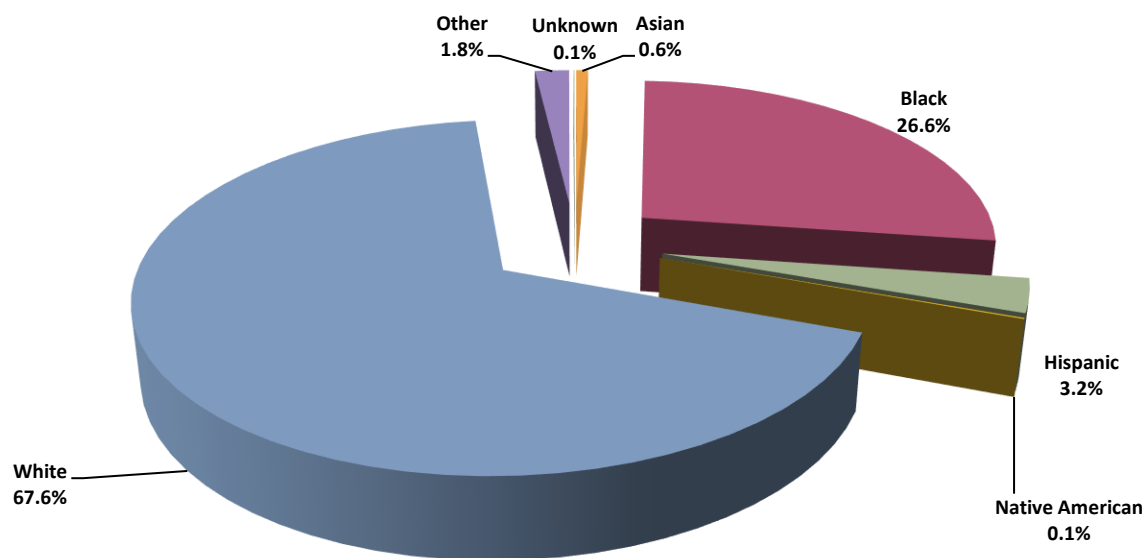
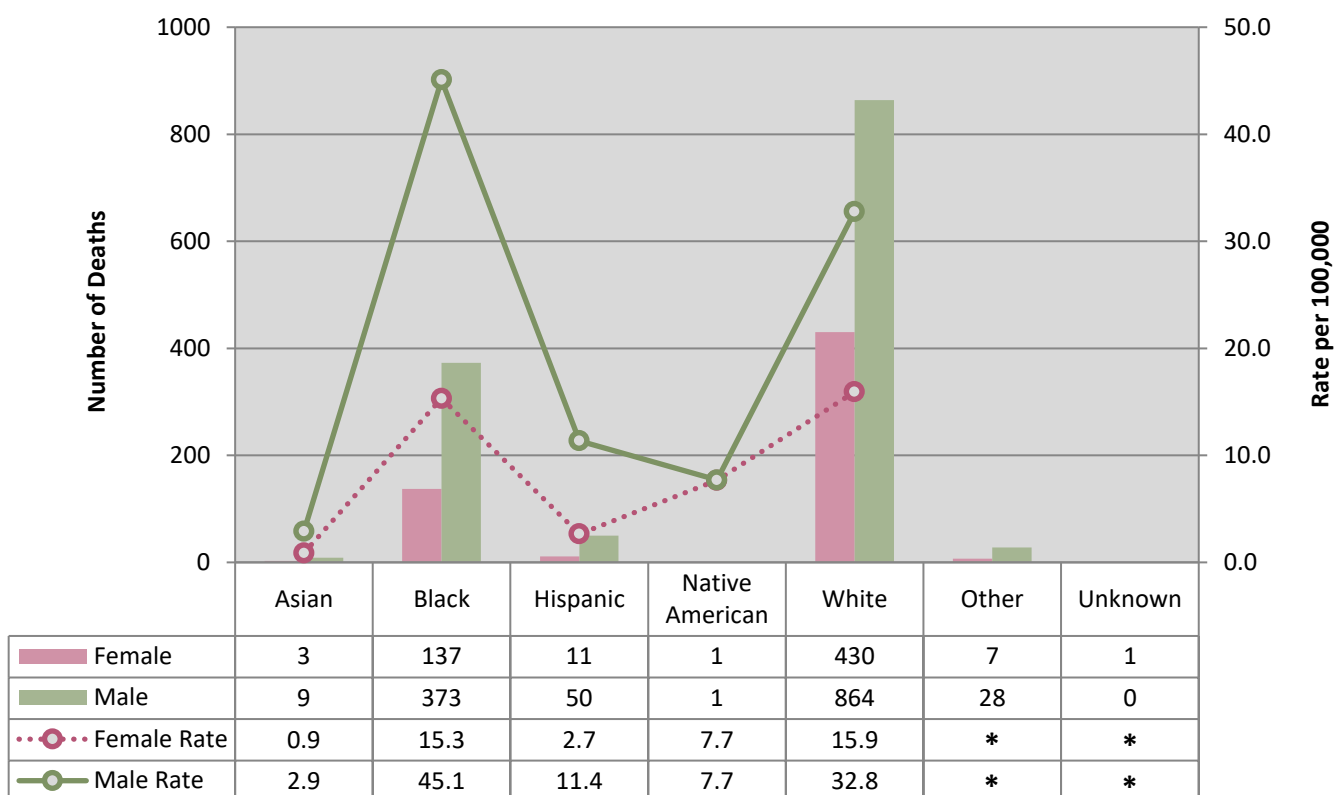
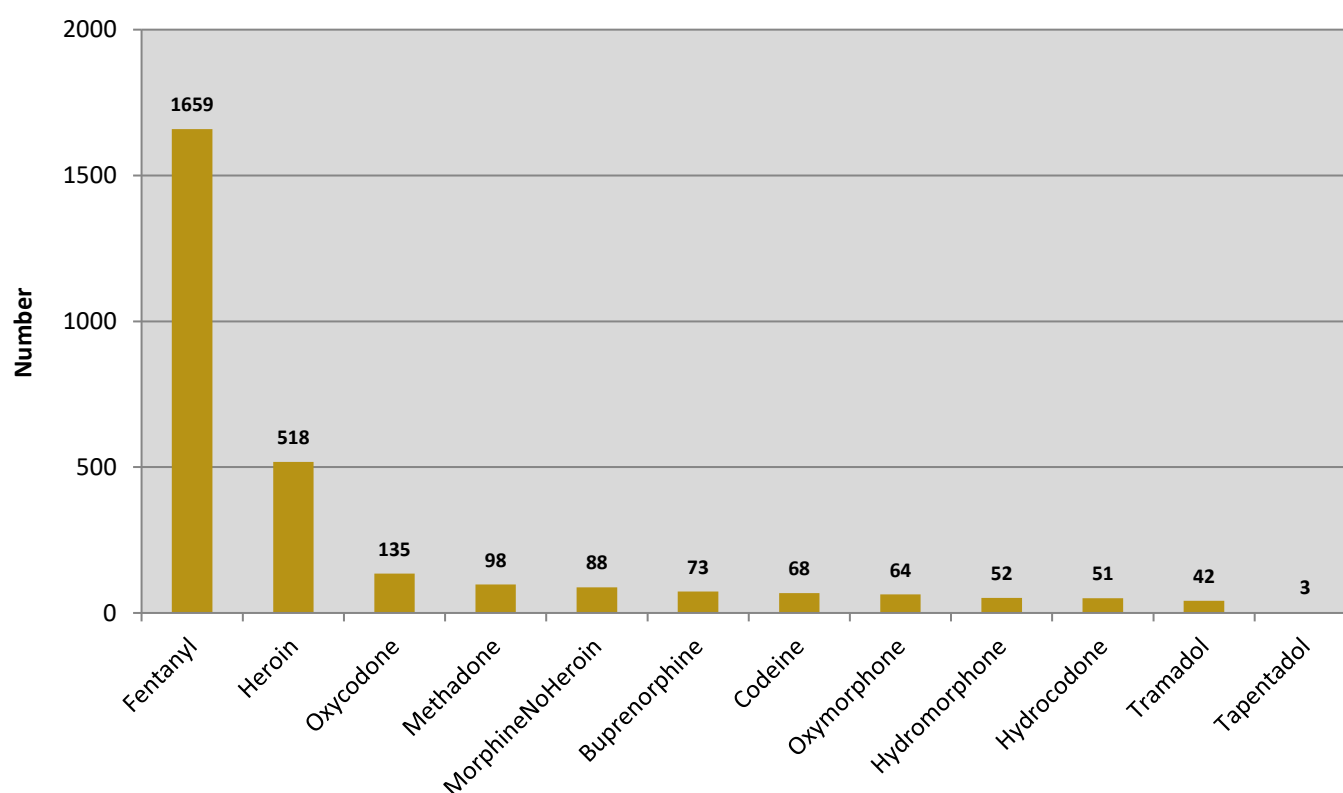


Figure 5.29 Number and Rate of All Fatal Opioid Overdoses by Race/Ethnicity and Gender, 2020



*No rate can be calculated

Note: Rates calculated from small case counts (n<5) are considered unreliable and should be interpreted with caution (Asian females and Native Americans)

Figure 5.30 Number of Opioids Causing or Contributing to Fatal Opioid Overdoses, 2020**Table 5.18 Number and Percentage of All Fatal Opioid Overdoses by Whether Alcohol Caused Death, 2020**

| Whether Alcohol Played a Role in Death | Deaths | Percentage |
|--|-------------|---------------|
| Yes | 264 | 13.8% |
| Contributed | 74 | 3.9% |
| No | 1577 | 82.3% |
| TOTAL | 1915 | 100.0% |

Table 5.19 Number of All Fatal Opioid Overdoses by Locality of Residence, 2020

| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Accomack County | 5 | 15.5 |
| Albemarle County | 9 | 8.1 |
| Alexandria City | 16 | 10.1 |
| Alleghany County | 3 | 20.4 |
| Amelia County | 7 | 53.8 |
| Amherst County | 6 | 18.9 |
| Appomattox County | 2 | 12.5 |
| Arlington County | 23 | 9.6 |
| Augusta County | 8 | 10.5 |
| Bath County | 0 | 0.0 |
| Bedford County | 11 | 13.8 |
| Bland County | 4 | 64.1 |
| Botetourt County | 6 | 17.8 |
| Bristol City | 0 | 0.0 |
| Brunswick County | 6 | 37.4 |
| Buchanan County | 1 | 4.9 |
| Buckingham County | 3 | 17.5 |
| Buena Vista City | 0 | 0.0 |
| Campbell County | 10 | 18.1 |
| Caroline County | 12 | 38.9 |
| Carroll County | 2 | 6.7 |
| Charles City County | 0 | 0.0 |
| Charlotte County | 7 | 59.2 |
| Charlottesville City | 7 | 14.9 |
| Chesapeake City | 55 | 22.3 |
| Chesterfield County | 103 | 28.8 |
| Clarke County | 0 | 0.0 |
| Colonial Heights City | 0 | 0.0 |
| Covington City | 1 | 17.7 |
| Craig County | 2 | 39.4 |
| Culpeper County | 16 | 29.9 |
| Cumberland County | 1 | 10.1 |
| Danville City | 10 | 25.1 |
| Dickenson County | 3 | 21.3 |
| Dinwiddie County | 11 | 38.3 |
| Emporia City | 2 | 38.0 |
| Essex County | 3 | 27.4 |
| Fairfax City | 2 | 8.5 |
| Fairfax County | 77 | 6.7 |
| Falls Church City | 0 | 0.0 |
| Fauquier County | 9 | 12.6 |
| Floyd County | 2 | 12.7 |
| Fluvanna County | 2 | 7.3 |

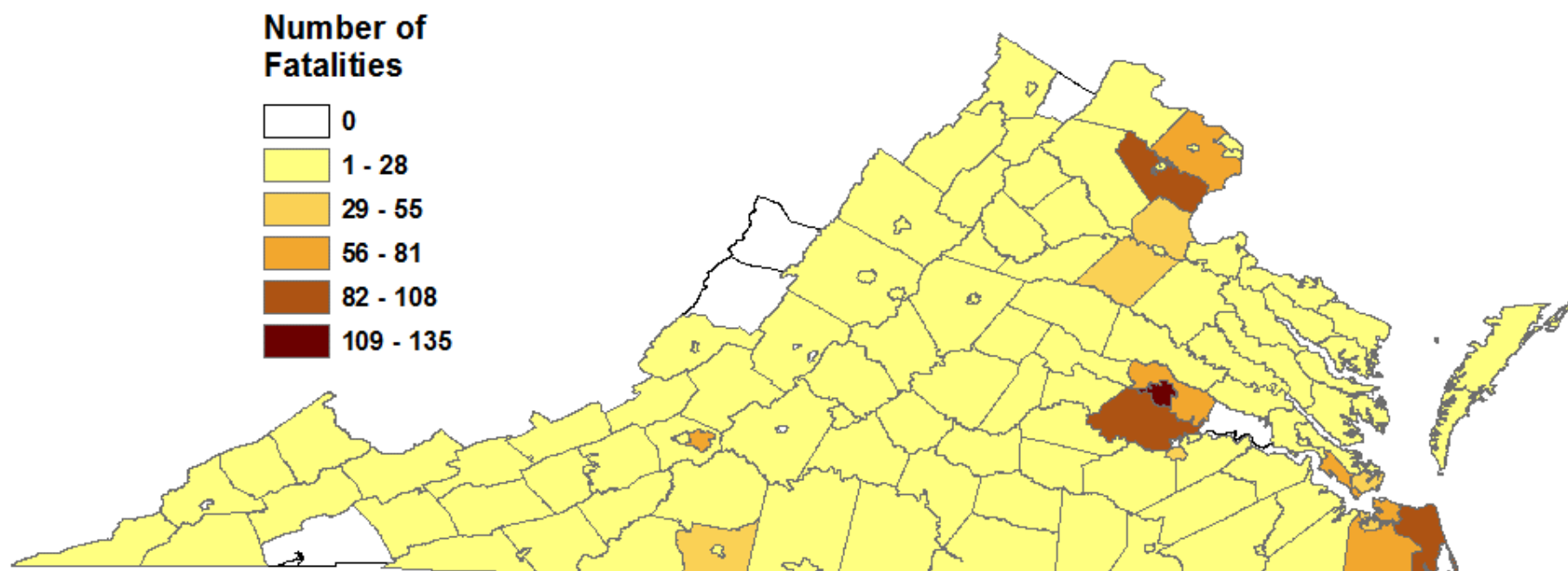
| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Franklin City | 2 | 25.5 |
| Franklin County | 15 | 26.7 |
| Frederick County | 21 | 23.0 |
| Fredericksburg City | 15 | 50.9 |
| Galax City | 1 | 15.9 |
| Giles County | 4 | 24.0 |
| Gloucester County | 11 | 29.4 |
| Goochland County | 6 | 24.6 |
| Grayson County | 1 | 6.5 |
| Greene County | 4 | 19.9 |
| Greensville County | 6 | 53.2 |
| Halifax County | 8 | 23.8 |
| Hampton City | 38 | 28.1 |
| Hanover County | 23 | 21.2 |
| Harrisonburg City | 2 | 3.8 |
| Henrico County | 80 | 24.0 |
| Henry County | 28 | 55.7 |
| Highland County | 0 | 0.0 |
| Hopewell City | 14 | 62.6 |
| Isle of Wight County | 6 | 15.9 |
| James City County | 16 | 20.6 |
| King and Queen County | 3 | 43.2 |
| King George County | 7 | 25.6 |
| King William County | 6 | 34.0 |
| Lancaster County | 4 | 37.7 |
| Lee County | 4 | 17.2 |
| Lexington City | 0 | 0.0 |
| Loudoun County | 26 | 6.1 |
| Louisa County | 8 | 21.0 |
| Lunenburg County | 1 | 8.2 |
| Lynchburg City | 13 | 15.9 |
| Madison County | 3 | 22.5 |
| Manassas City | 10 | 24.5 |
| Manassas Park City | 5 | 27.8 |
| Martinsville City | 6 | 48.6 |
| Mathews County | 1 | 11.4 |
| Mecklenburg County | 6 | 19.6 |
| Middlesex County | 3 | 28.4 |
| Montgomery County | 12 | 12.2 |
| Nelson County | 1 | 6.8 |
| New Kent County | 4 | 16.9 |
| Newport News City | 60 | 33.5 |
| Norfolk City | 74 | 30.5 |

| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Northampton County | 1 | 8.6 |
| Northumberland County | 1 | 8.3 |
| Norton City | 0 | 0.0 |
| Nottoway County | 3 | 19.8 |
| Orange County | 11 | 29.2 |
| Page County | 6 | 25.1 |
| Patrick County | 7 | 40.0 |
| Petersburg City | 28 | 92.0 |
| Pittsylvania County | 13 | 21.7 |
| Poquoson City | 4 | 32.6 |
| Portsmouth City | 44 | 46.3 |
| Powhatan County | 14 | 46.4 |
| Prince Edward County | 6 | 26.1 |
| Prince George County | 6 | 15.5 |
| Prince William County | 83 | 17.5 |
| Pulaski County | 9 | 26.5 |
| Radford City | 2 | 11.0 |
| Rappahannock County | 6 | 82.6 |
| Richmond City | 135 | 58.1 |
| Richmond County | 1 | 11.0 |
| Roanoke City | 66 | 66.6 |
| Roanoke County | 24 | 25.4 |
| Rockbridge County | 4 | 17.6 |
| Rockingham County | 10 | 12.1 |
| Russell County | 1 | 3.8 |
| Salem City | 6 | 23.7 |
| Scott County | 5 | 23.1 |

| Locality of Residence | Deaths | Rate |
|--------------------------------|-------------|-------------|
| Shenandoah County | 8 | 18.2 |
| Smyth County | 2 | 6.6 |
| Southampton County | 3 | 17.0 |
| Spotsylvania County | 49 | 35.4 |
| Stafford County | 35 | 22.3 |
| Staunton City | 3 | 11.9 |
| Suffolk City | 26 | 27.7 |
| Surry County | 1 | 15.7 |
| Sussex County | 1 | 9.2 |
| Tazewell County | 16 | 39.5 |
| Virginia Beach City | 104 | 23.0 |
| Warren County | 20 | 49.4 |
| Washington County | 0 | 0.0 |
| Waynesboro City | 5 | 22.0 |
| Westmoreland County | 2 | 11.0 |
| Williamsburg City | 4 | 26.2 |
| Winchester City | 13 | 46.9 |
| Wise County | 9 | 24.2 |
| Wythe County | 4 | 14.0 |
| York County | 14 | 20.2 |
| <i>Subtotal (in-state)</i> | 1820 | 21.2 |
| Out of State | 85 | ND |
| Unknown | 10 | ND |
| <i>Subtotal (out-of-state)</i> | 95 | ND |
| TOTAL | 1915 | 22.3 |

Note: No denominator is represented by ND.

Map 5.13 Number of All Fatal Opioid Overdoses by Locality of Residence, 2020



Map 5.14 Rates of All Fatal Opioid Overdoses by Locality of Residence, 2020

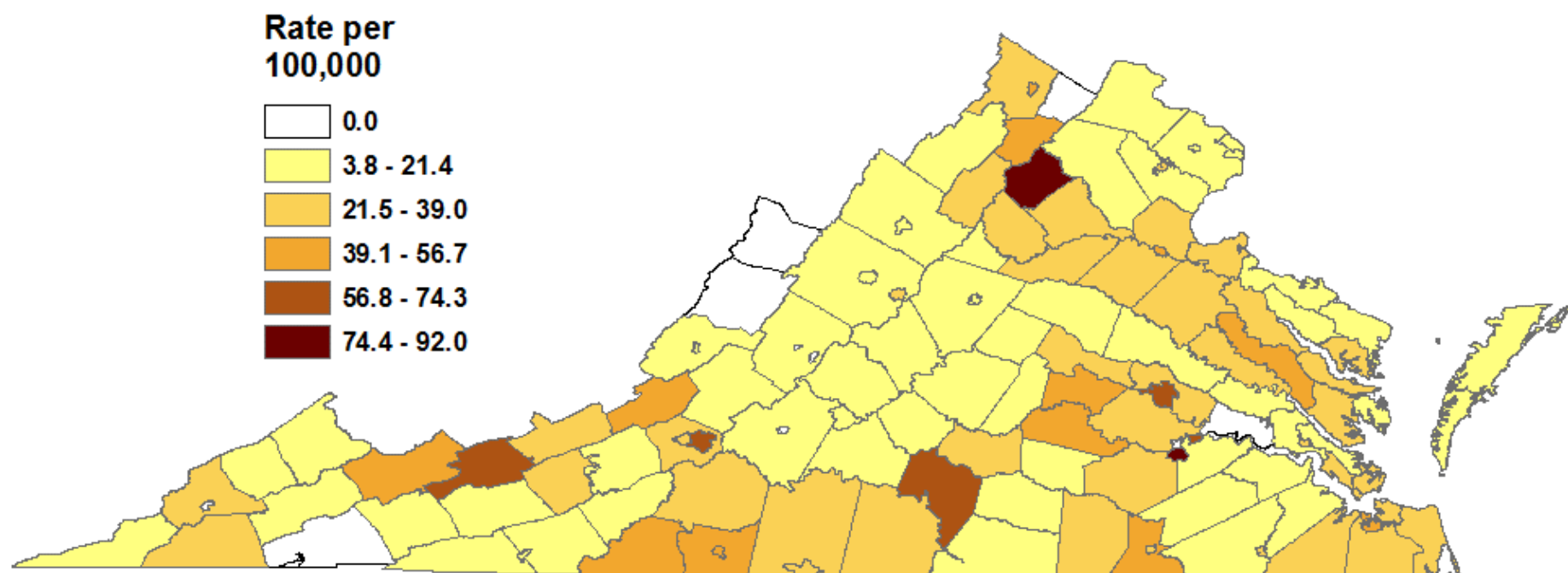


Table 5.20 Number and Rate of All Fatal Opioid Overdoses by Locality of Injury, 2020

| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Accomack County | 4 | 12.4 |
| Albemarle County | 14 | 12.7 |
| Alexandria City | 15 | 9.5 |
| Alleghany County | 4 | 27.2 |
| Amelia County | 3 | 23.1 |
| Amherst County | 5 | 15.8 |
| Appomattox County | 3 | 18.7 |
| Arlington County | 22 | 9.2 |
| Augusta County | 9 | 11.8 |
| Bath County | 0 | 0.0 |
| Bedford County | 12 | 15.0 |
| Bland County | 4 | 64.1 |
| Botetourt County | 6 | 17.8 |
| Bristol City | 1 | 5.8 |
| Brunswick County | 6 | 37.4 |
| Buchanan County | 0 | 0.0 |
| Buckingham County | 2 | 11.6 |
| Buena Vista City | 0 | 0.0 |
| Campbell County | 7 | 12.7 |
| Caroline County | 11 | 35.6 |
| Carroll County | 3 | 10.0 |
| Charles City County | 0 | 0.0 |
| Charlotte County | 4 | 33.8 |
| Charlottesville City | 7 | 14.9 |
| Chesapeake City | 50 | 20.2 |
| Chesterfield County | 91 | 25.4 |
| Clarke County | 3 | 20.5 |
| Colonial Heights City | 0 | 0.0 |
| Covington City | 2 | 35.5 |
| Craig County | 0 | 0.0 |
| Culpeper County | 10 | 18.7 |
| Cumberland County | 1 | 10.1 |
| Danville City | 10 | 25.1 |
| Dickenson County | 2 | 14.2 |
| Dinwiddie County | 6 | 20.9 |
| Emporia City | 2 | 38.0 |
| Essex County | 4 | 36.6 |
| Fairfax City | 1 | 4.3 |
| Fairfax County | 93 | 8.1 |
| Falls Church City | 0 | 0.0 |
| Fauquier County | 8 | 11.2 |
| Floyd County | 1 | 6.3 |
| Fluvanna County | 3 | 10.9 |

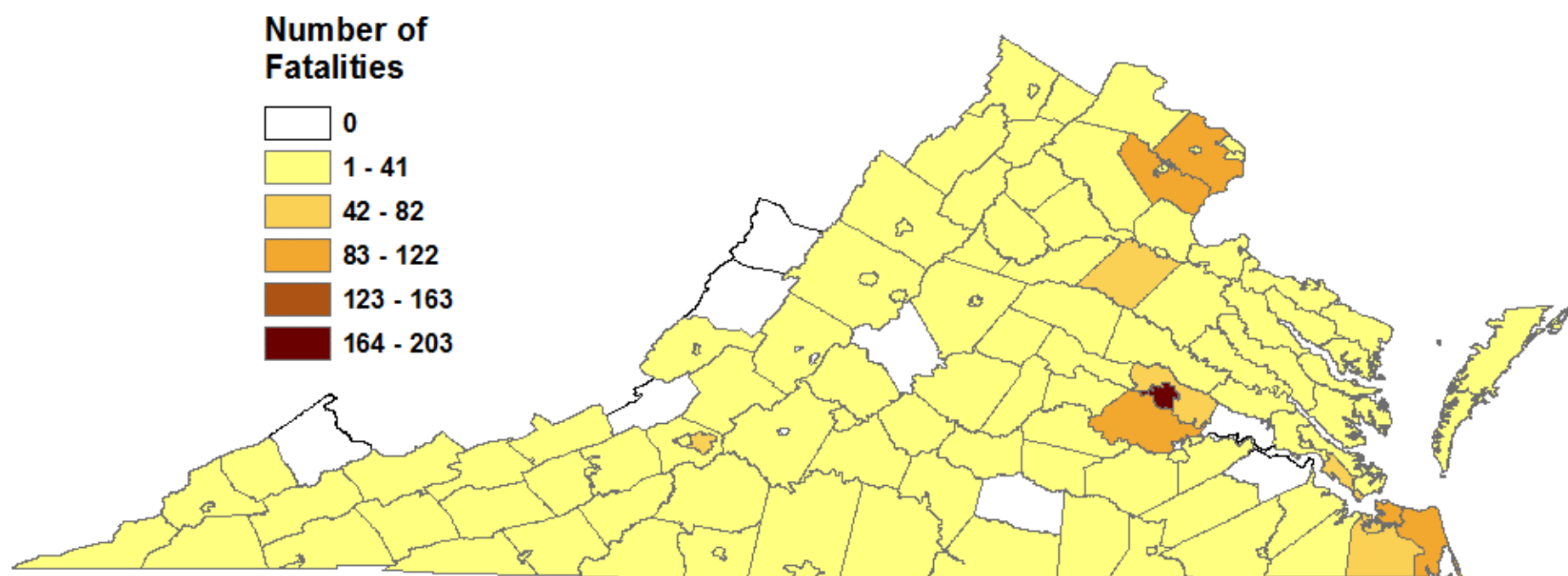
| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Franklin City | 3 | 38.3 |
| Franklin County | 11 | 19.6 |
| Frederick County | 25 | 27.4 |
| Fredericksburg City | 15 | 50.9 |
| Galax City | 1 | 15.9 |
| Giles County | 3 | 18.0 |
| Gloucester County | 9 | 24.0 |
| Goochland County | 6 | 24.6 |
| Grayson County | 1 | 6.5 |
| Greene County | 4 | 19.9 |
| Greensville County | 7 | 62.1 |
| Halifax County | 9 | 26.8 |
| Hampton City | 41 | 30.3 |
| Hanover County | 26 | 24.0 |
| Harrisonburg City | 4 | 7.5 |
| Henrico County | 68 | 20.4 |
| Henry County | 33 | 65.6 |
| Highland County | 0 | 0.0 |
| Hopewell City | 15 | 67.0 |
| Isle of Wight County | 4 | 10.6 |
| James City County | 14 | 18.0 |
| King and Queen County | 3 | 43.2 |
| King George County | 7 | 25.6 |
| King William County | 6 | 34.0 |
| Lancaster County | 4 | 37.7 |
| Lee County | 5 | 21.5 |
| Lexington City | 0 | 0.0 |
| Loudoun County | 27 | 6.4 |
| Louisa County | 5 | 13.1 |
| Lunenburg County | 0 | 0.0 |
| Lynchburg City | 15 | 18.4 |
| Madison County | 4 | 30.0 |
| Manassas City | 13 | 31.8 |
| Manassas Park City | 5 | 27.8 |
| Martinsville City | 5 | 40.5 |
| Mathews County | 1 | 11.4 |
| Mecklenburg County | 7 | 22.8 |
| Middlesex County | 4 | 37.8 |
| Montgomery County | 8 | 8.1 |
| Nelson County | 0 | 0.0 |
| New Kent County | 3 | 12.7 |
| Newport News City | 67 | 37.4 |
| Norfolk City | 87 | 35.8 |

| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Northampton County | 1 | 8.6 |
| Northumberland County | 1 | 8.3 |
| Norton City | 1 | 25.1 |
| Nottoway County | 2 | 13.2 |
| Orange County | 8 | 21.2 |
| Page County | 7 | 29.2 |
| Patrick County | 4 | 22.9 |
| Petersburg City | 29 | 95.3 |
| Pittsylvania County | 13 | 21.7 |
| Poquoson City | 2 | 16.3 |
| Portsmouth City | 50 | 52.6 |
| Powhatan County | 3 | 10.0 |
| Prince Edward County | 5 | 21.7 |
| Prince George County | 6 | 15.5 |
| Prince William County | 89 | 18.7 |
| Pulaski County | 10 | 29.5 |
| Radford City | 1 | 5.5 |
| Rappahannock County | 4 | 55.1 |
| Richmond City | 203 | 87.4 |
| Richmond County | 1 | 11.0 |
| Roanoke City | 80 | 80.8 |
| Roanoke County | 22 | 23.3 |
| Rockbridge County | 4 | 17.6 |
| Rockingham County | 5 | 6.1 |
| Russell County | 3 | 11.3 |
| Salem City | 8 | 31.6 |
| Scott County | 6 | 27.7 |

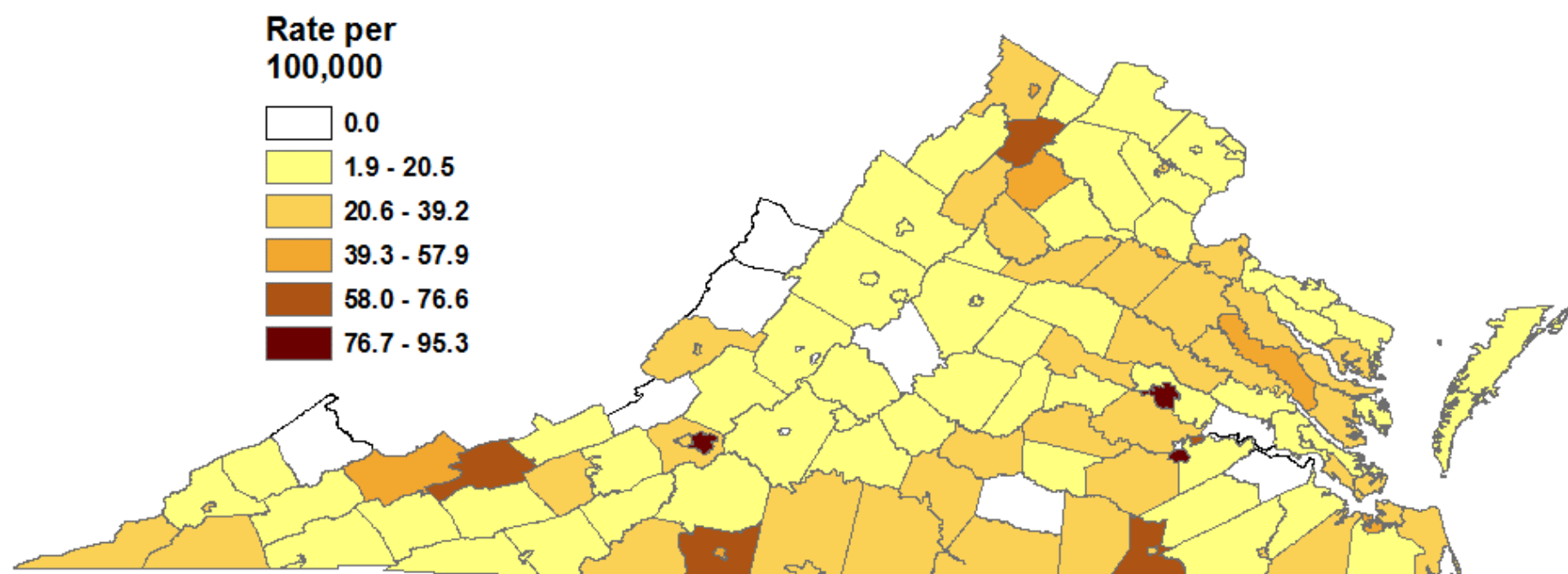
| Locality of Injury | Deaths | Rate |
|--------------------------------|-------------|-------------|
| Shenandoah County | 7 | 15.9 |
| Smyth County | 2 | 6.6 |
| Southampton County | 2 | 11.3 |
| Spotsylvania County | 50 | 36.1 |
| Stafford County | 32 | 20.4 |
| Staunton City | 4 | 15.9 |
| Suffolk City | 24 | 25.6 |
| Surry County | 0 | 0.0 |
| Sussex County | 2 | 18.3 |
| Tazewell County | 16 | 39.5 |
| Virginia Beach City | 103 | 22.8 |
| Warren County | 24 | 59.3 |
| Washington County | 1 | 1.9 |
| Waynesboro City | 4 | 17.6 |
| Westmoreland County | 2 | 11.0 |
| Williamsburg City | 3 | 19.7 |
| Winchester City | 14 | 50.5 |
| Wise County | 6 | 16.1 |
| Wythe County | 4 | 14.0 |
| York County | 11 | 15.9 |
| <i>Subtotal (in-state)</i> | 1883 | 21.9 |
| Out of State | 10 | ND |
| Unknown | 22 | ND |
| <i>Subtotal (out-of-state)</i> | 32 | ND |
| TOTAL | 1915 | 22.3 |

Note: No denominator is represented by ND.

Map 5.15 Number of All Fatal Opioid Overdoses by Locality of Injury, 2020



Map 5.16 Rates of All Fatal Opioid Overdoses by Locality of Injury, 2020



SECTION 6: GUN-RELATED DEATHS (N=1,195)

Gun-related fatalities continue to be one of the top three methods of unnatural death in Virginia since 2007. Generally, the number of gun-related suicides slowly increase each year, and since 2012, gun-related homicides slowly increased. In 2020, gun-related deaths of all manners increased 15.3% compared to 2019

- The majority (59.4%) of gun related deaths were due to suicide
- The Northern OCME region had the lowest number and the lowest rate of gun-related death of all manners (6.4 deaths per 100,000 persons) compared to all other OCME district offices
- Males (85.5%), 25-34 year olds (21.3%), and Whites (58.5%) had the largest number of gun-related deaths; however, males aged 20-24 years of age and Black males had the highest rate of gun-related death (52.3 and 46.3 deaths per 100,000 persons, respectively)

Figure 6.1 Number and Rate of Gun-Related Deaths by Year of Death, 2007-2020

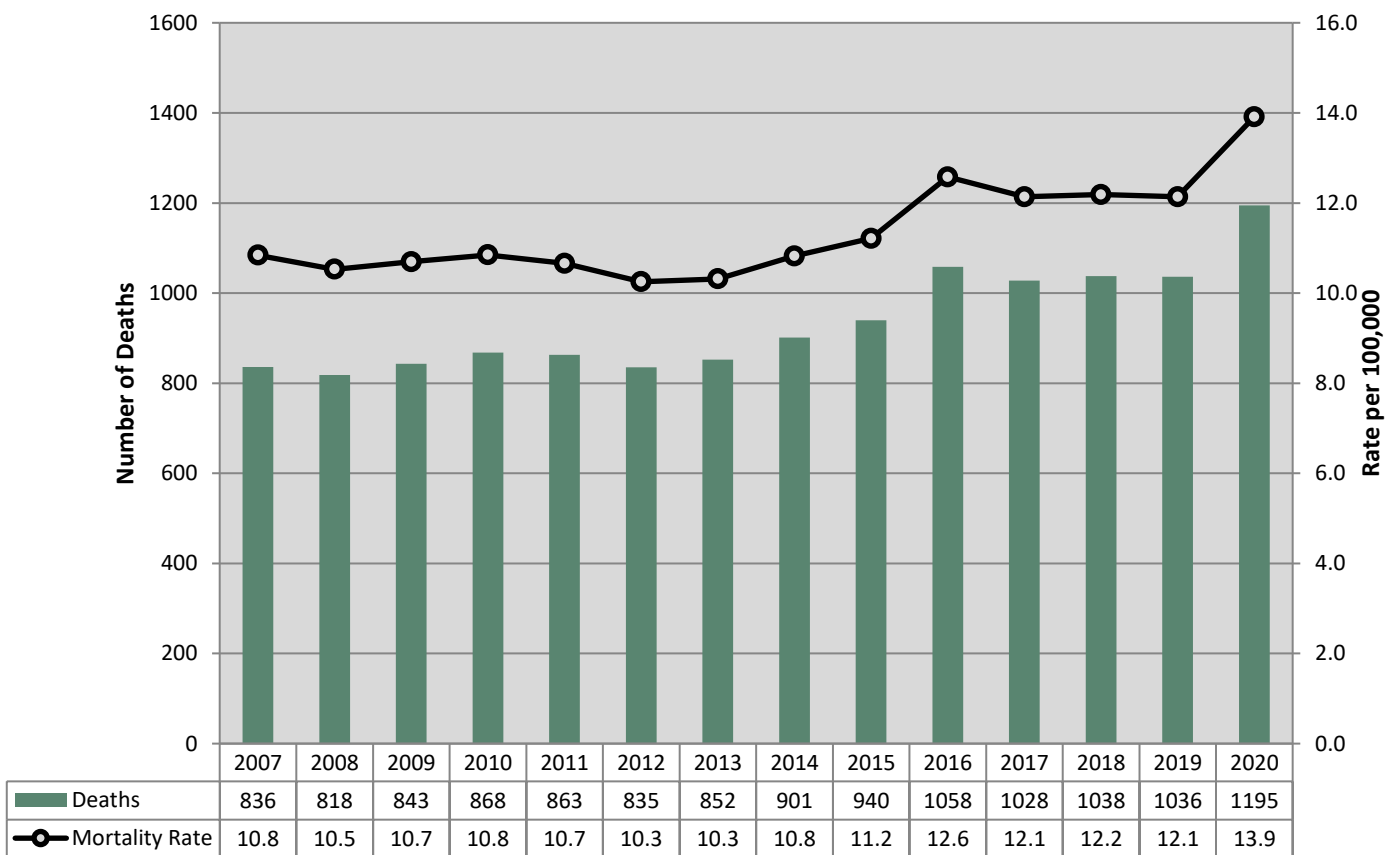


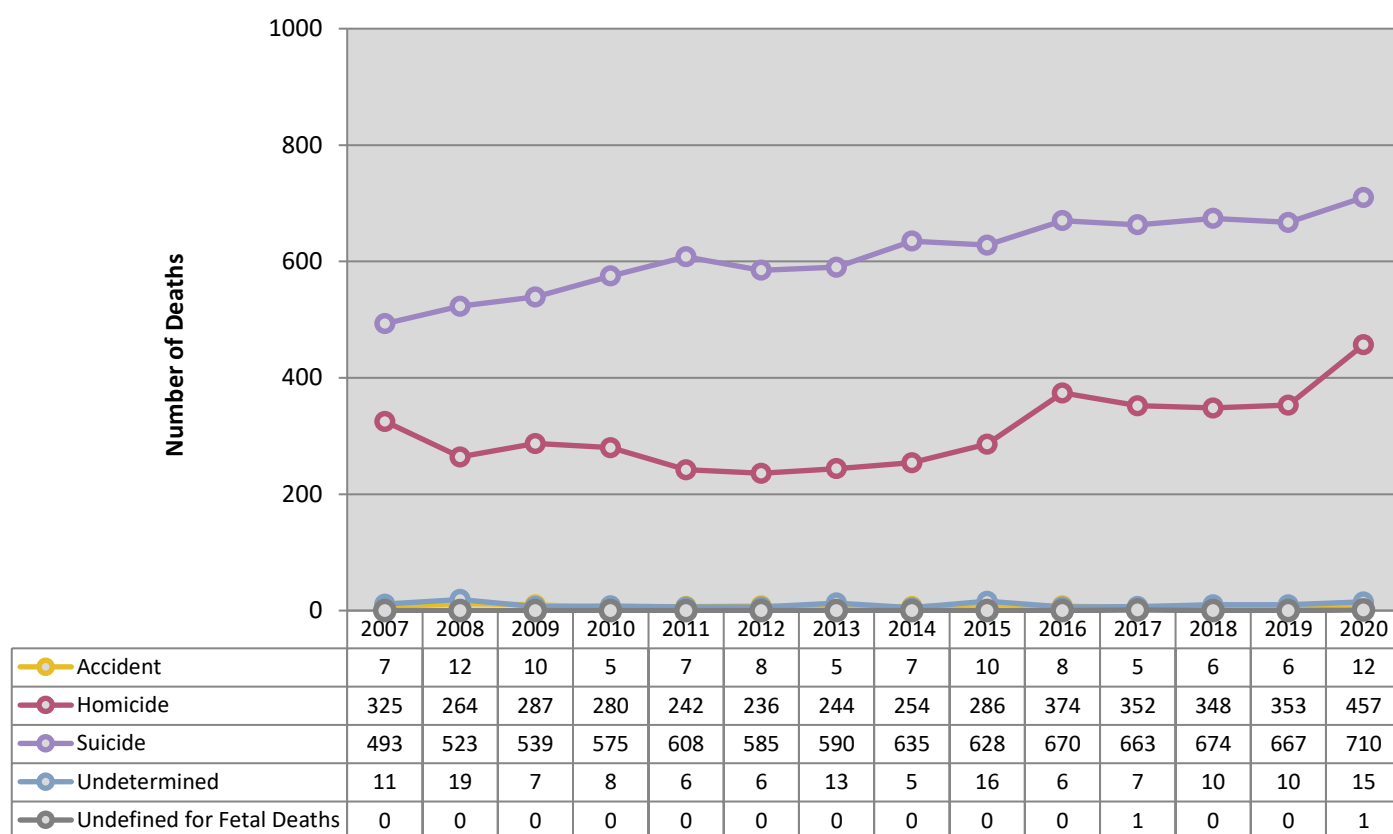
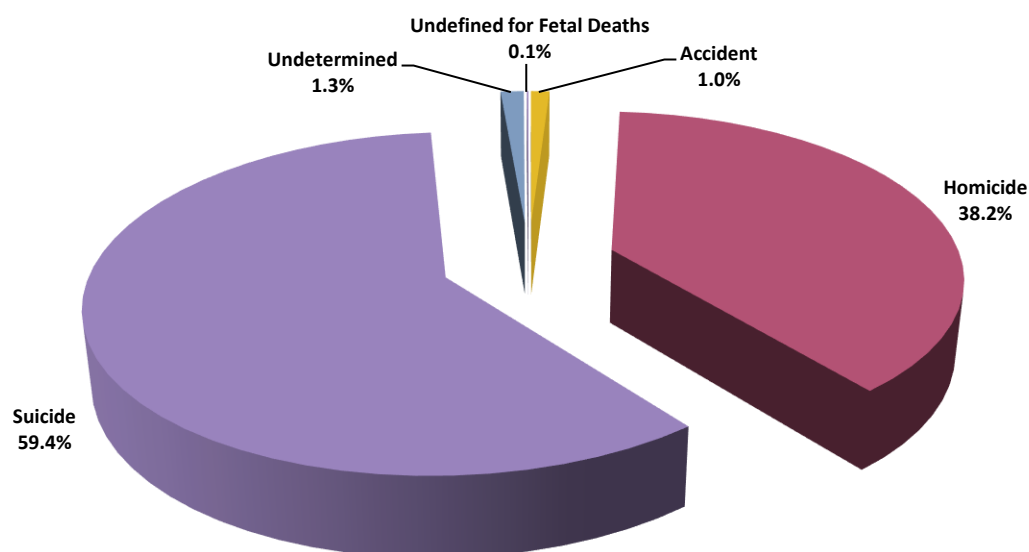
Figure 6.2 Number of Gun-Related Deaths by Year and Manner of Death, 2007-2020**Figure 6.3 Percentage of Gun-Related Deaths by Manner of Death, 2020**

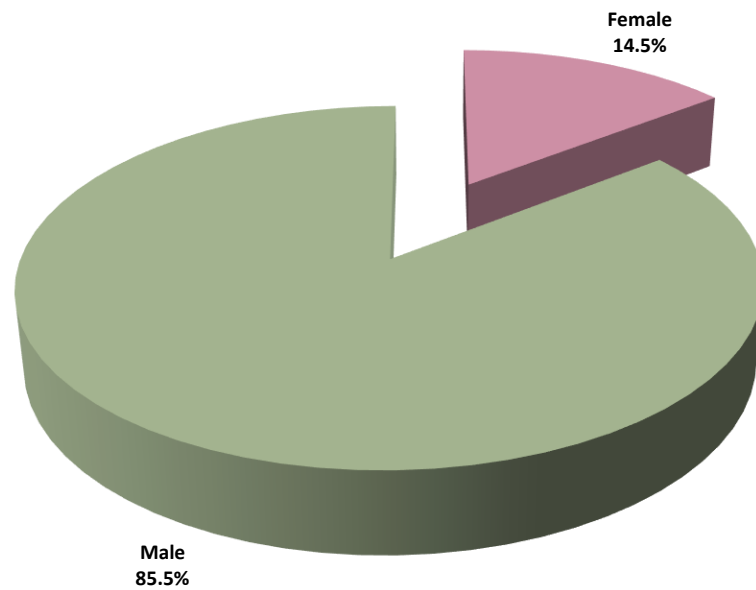
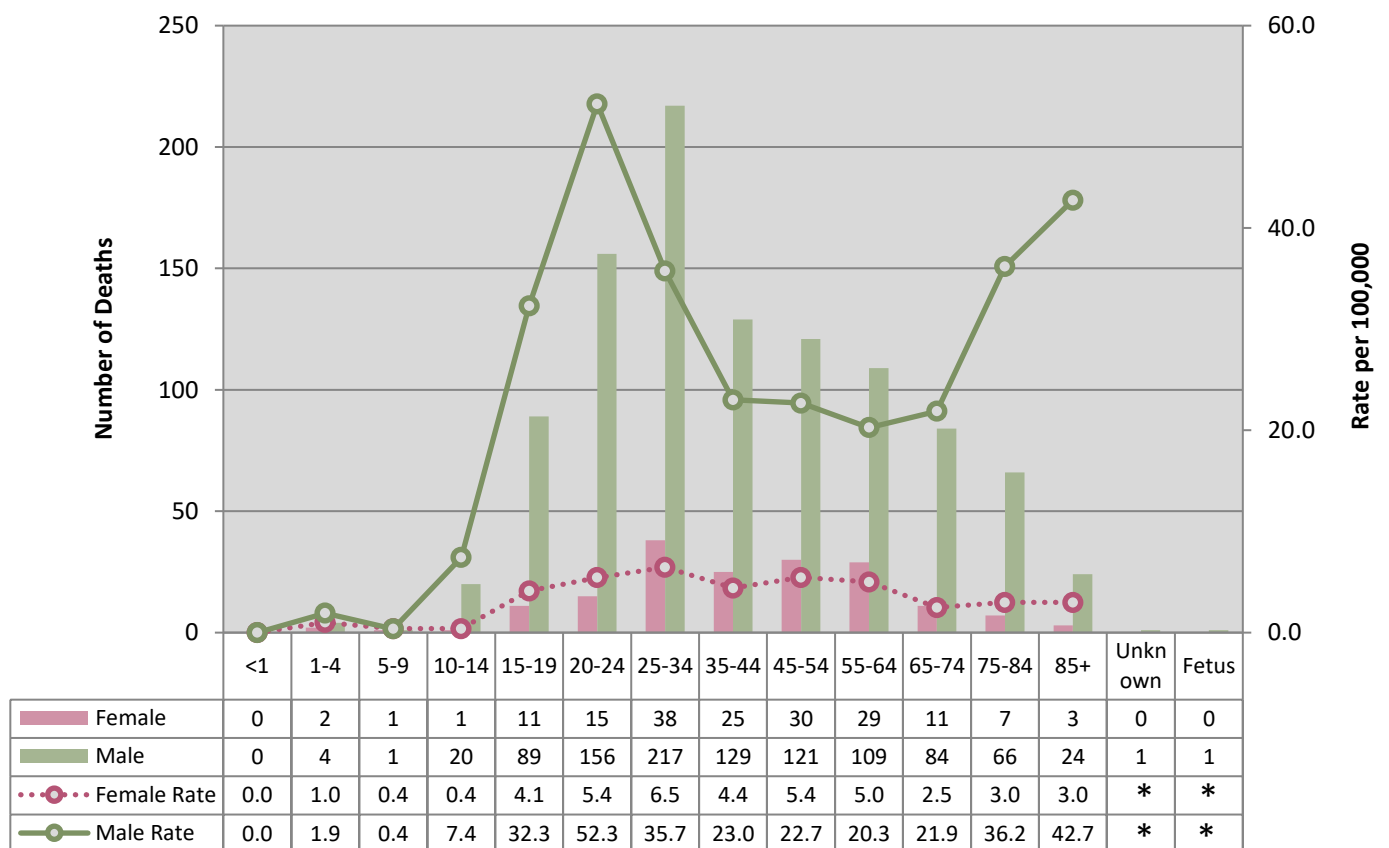
Table 6.1 Number and Rate of Gun-Related Deaths by OCME District and Manner of Death, 2020

| Manner of Death | Central | | Northern | | Tidewater | | Western | | TOTAL | |
|----------------------------|------------|-------------|------------|------------|------------|-------------|------------|-------------|-------------|-------------|
| | n | rate | n | rate | n | rate | n | rate | n | rate |
| Accident | 3 | 0.1 | 2 | 0.1 | 3 | 0.2 | 4 | 0.2 | 12 | 0.1 |
| Homicide | 161 | 6.9 | 45 | 1.5 | 173 | 10.6 | 78 | 4.8 | 457 | 5.3 |
| Suicide | 203 | 8.6 | 141 | 4.7 | 146 | 8.9 | 220 | 13.4 | 710 | 8.3 |
| Undetermined | 2 | 0.1 | 3 | 0.1 | 8 | 0.5 | 2 | 0.1 | 15 | 0.2 |
| Undefined for Fetal Deaths | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.1 | 1 | 0.0 |
| TOTAL | 369 | 15.7 | 191 | 6.4 | 330 | 20.2 | 305 | 18.6 | 1195 | 13.9 |

Table 6.2 Number of Gun-Related Deaths by Gun Type and Manner of Death, 2020

| Manner of Death | Handgun | Multiple* | Rifle | Shotgun | Other | Unknown | Total |
|----------------------------|------------|-----------|-----------|-----------|----------|-----------|-------------|
| Accident | 9 | 0 | 0 | 1 | 0 | 2 | 12 |
| Homicide | 344 | 6 | 22 | 3 | 0 | 82 | 457 |
| Suicide | 600 | 0 | 33 | 73 | 0 | 4 | 710 |
| Undetermined | 12 | 1 | 0 | 1 | 1 | 0 | 15 |
| Undefined for Fetal Deaths | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Total | 966 | 7 | 55 | 78 | 1 | 88 | 1195 |

Note: 'Multiple' indicates the decedent died of more than one gun; either more than one gun type (e.g. a handgun and a shotgun) or same gun type but multiple weapons (e.g. two handguns)

Figure 6.4 Percentage of Gun-Related Deaths by Gender, 2020**Figure 6.5 Number and Rate of Gun-Related Deaths by Age Group and Gender, 2020**

*No rate can be calculated

Figure 6.6 Percentage of Gun-Related Deaths by Race/Ethnicity, 2020

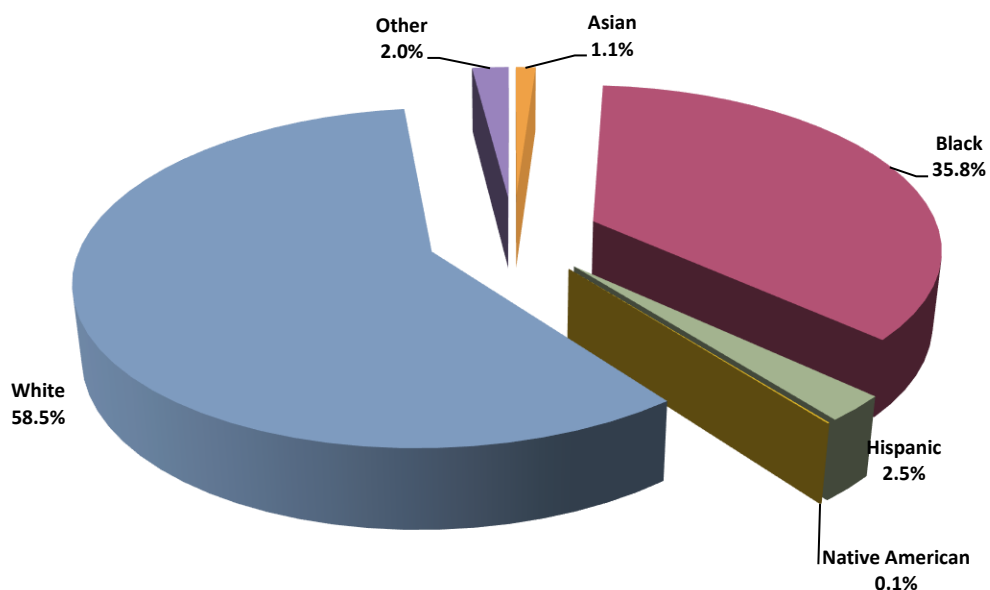
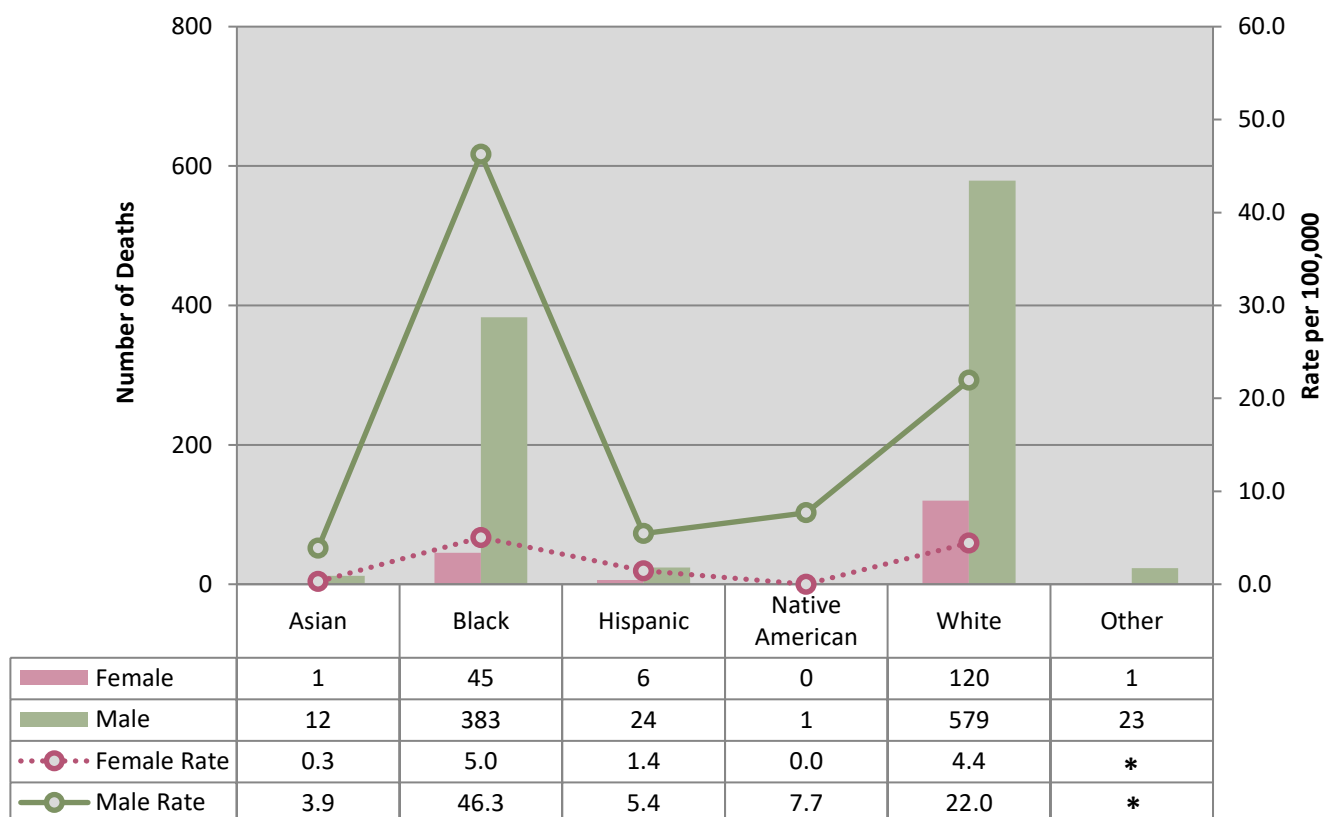
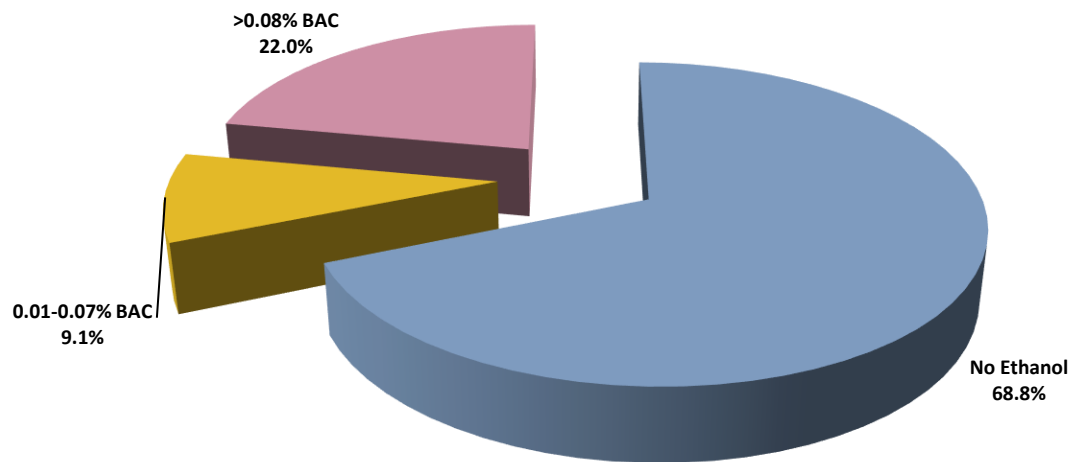


Figure 6.7 Number and Rate of Gun-Related Deaths by Race/Ethnicity and Gender, 2020

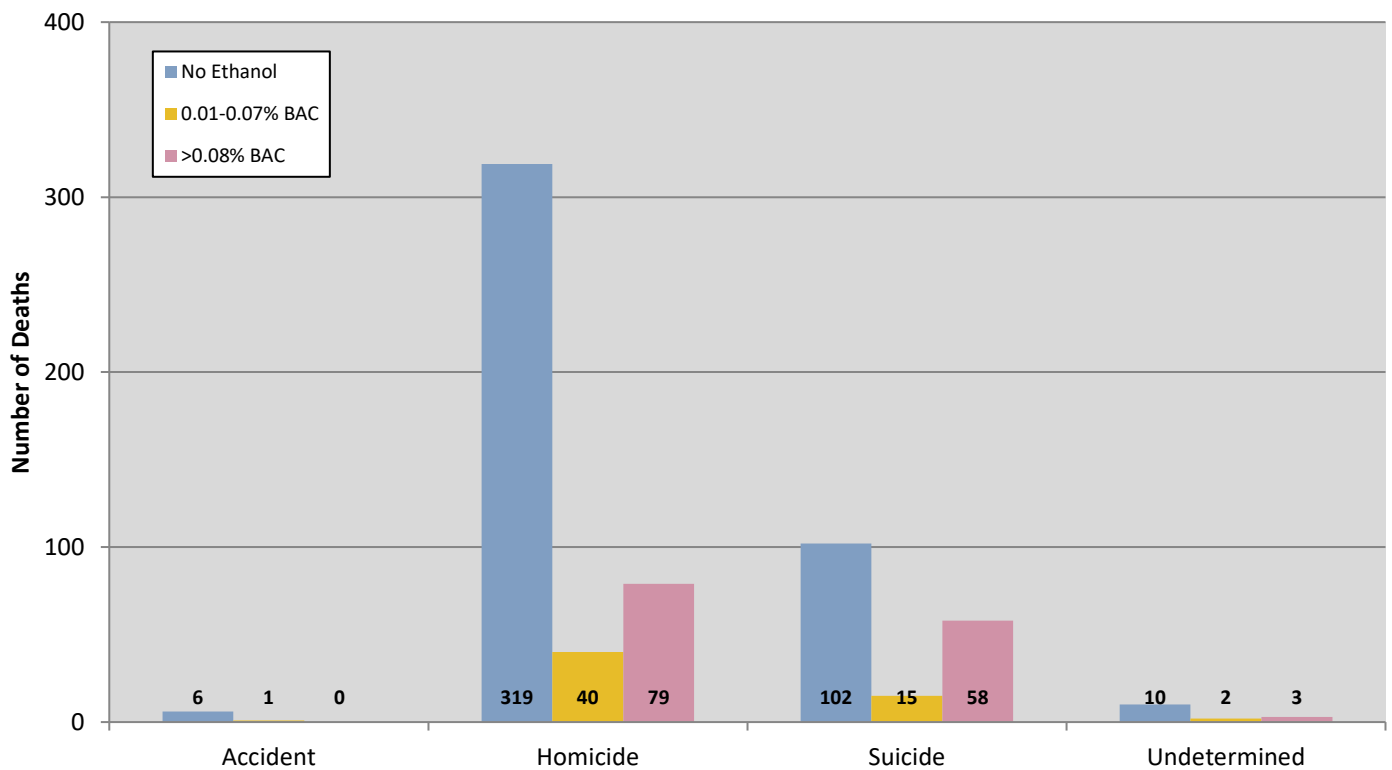


*No rate can be calculated

Note: Rates calculated from small case counts (n<5) are considered unreliable and should be interpreted with caution (Asian females and Native Americans)

Figure 6.8 Percentage of Gun-Related Deaths by Ethanol Level (N=635), 2020

Note: Of the 1,195 gun related fatalities, 46.9% (n=560) did not receive alcohol testing

Figure 6.9 Number of Gun-Related Deaths by Alcohol Level and Manner of Death (N=635), 2020

Note: Of the 1,195 gun related fatalities, 46.9% (n=560) did not receive alcohol testing

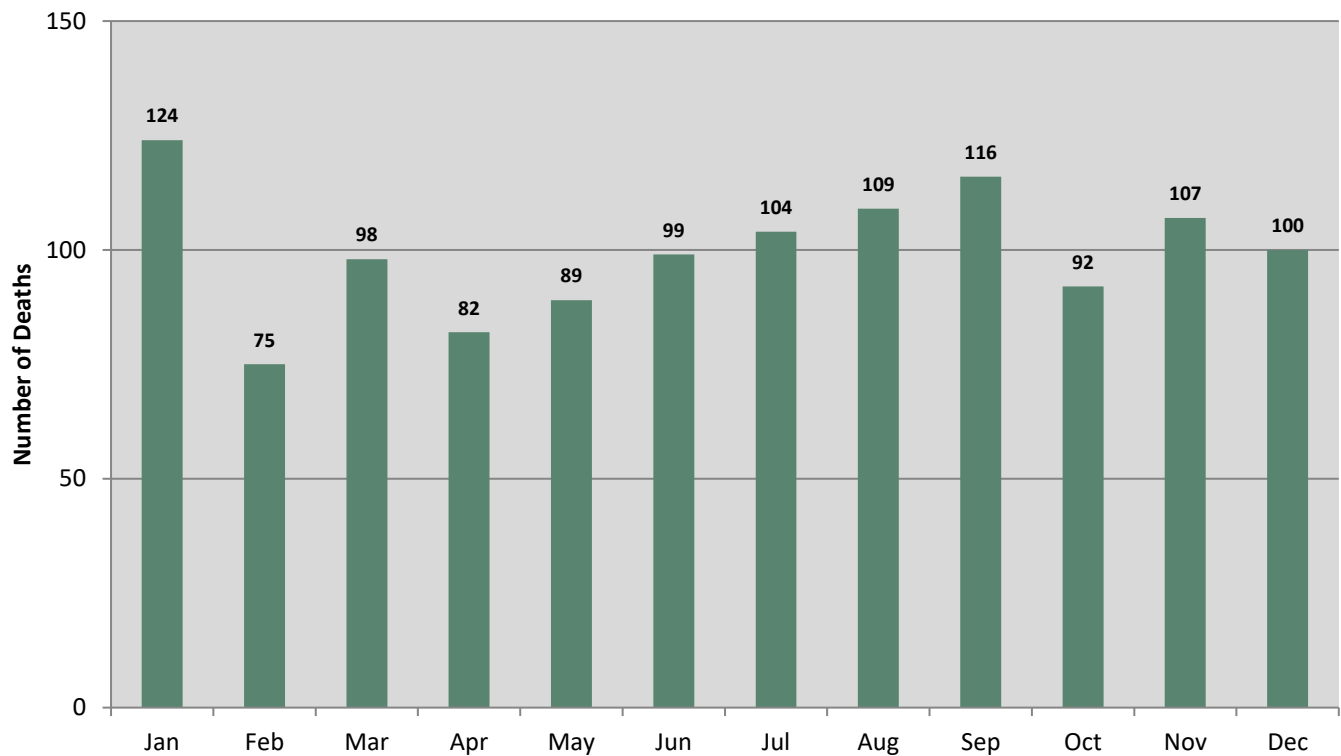
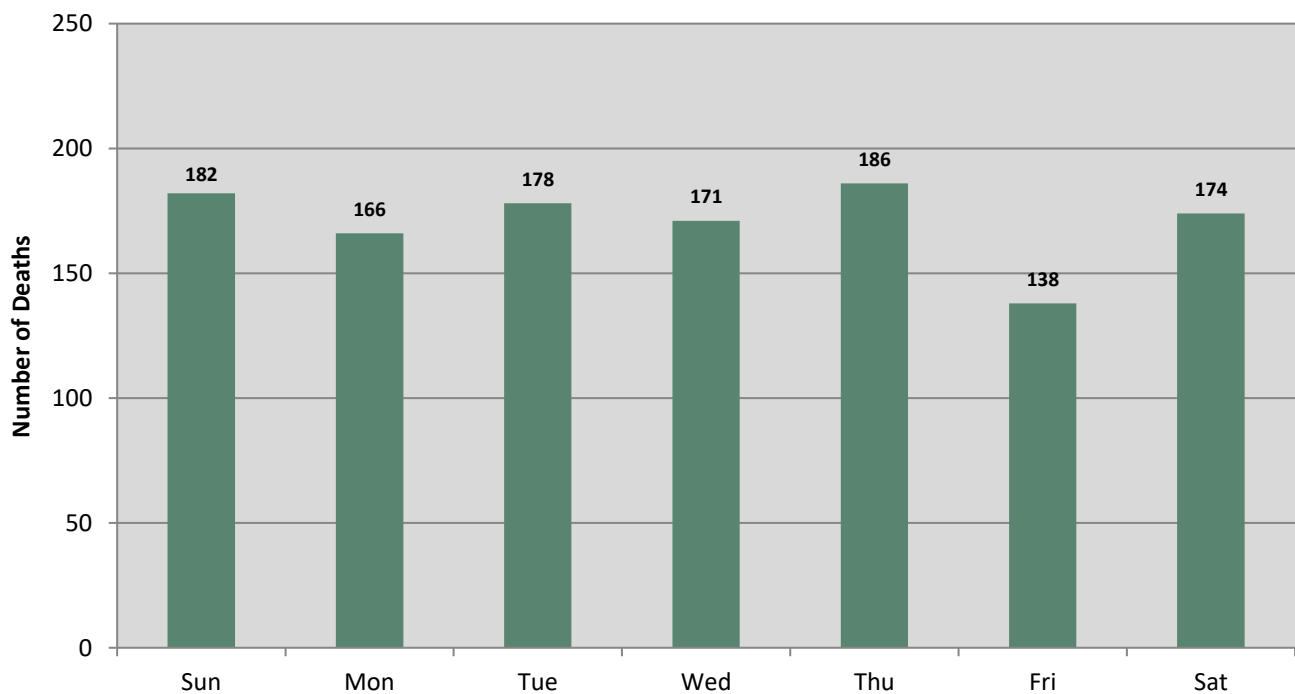
Figure 6.10 Number of Gun-Related Deaths by Month of Death, 2020**Figure 6.11 Number of Gun-Related Deaths by Day of Week, 2020**

Table 6.3 Number and Rate of Gun-Related Deaths by Locality of Residence, 2020

| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Accomack County | 9 | 27.9 |
| Albemarle County | 15 | 13.6 |
| Alexandria City | 10 | 6.3 |
| Alleghany County | 2 | 13.6 |
| Amelia County | 5 | 38.4 |
| Amherst County | 5 | 15.8 |
| Appomattox County | 3 | 18.7 |
| Arlington County | 10 | 4.2 |
| Augusta County | 13 | 17.0 |
| Bath County | 0 | 0.0 |
| Bedford County | 11 | 13.8 |
| Bland County | 1 | 16.0 |
| Botetourt County | 5 | 14.9 |
| Bristol City | 2 | 11.5 |
| Brunswick County | 1 | 6.2 |
| Buchanan County | 5 | 24.3 |
| Buckingham County | 1 | 5.8 |
| Buena Vista City | 1 | 15.6 |
| Campbell County | 7 | 12.7 |
| Caroline County | 7 | 22.7 |
| Carroll County | 1 | 3.3 |
| Charles City County | 1 | 14.7 |
| Charlotte County | 1 | 8.5 |
| Charlottesville City | 6 | 12.8 |
| Chesapeake City | 33 | 13.4 |
| Chesterfield County | 56 | 15.6 |
| Clarke County | 2 | 13.7 |
| Colonial Heights City | 4 | 23.2 |
| Covington City | 0 | 0.0 |
| Craig County | 2 | 39.4 |
| Culpeper County | 4 | 7.5 |
| Cumberland County | 2 | 20.1 |
| Danville City | 5 | 12.5 |
| Dickenson County | 5 | 35.5 |
| Dinwiddie County | 10 | 34.9 |
| Emporia City | 2 | 38.0 |
| Essex County | 1 | 9.1 |
| Fairfax City | 1 | 4.3 |
| Fairfax County | 61 | 5.3 |
| Falls Church City | 0 | 0.0 |
| Fauquier County | 7 | 9.8 |

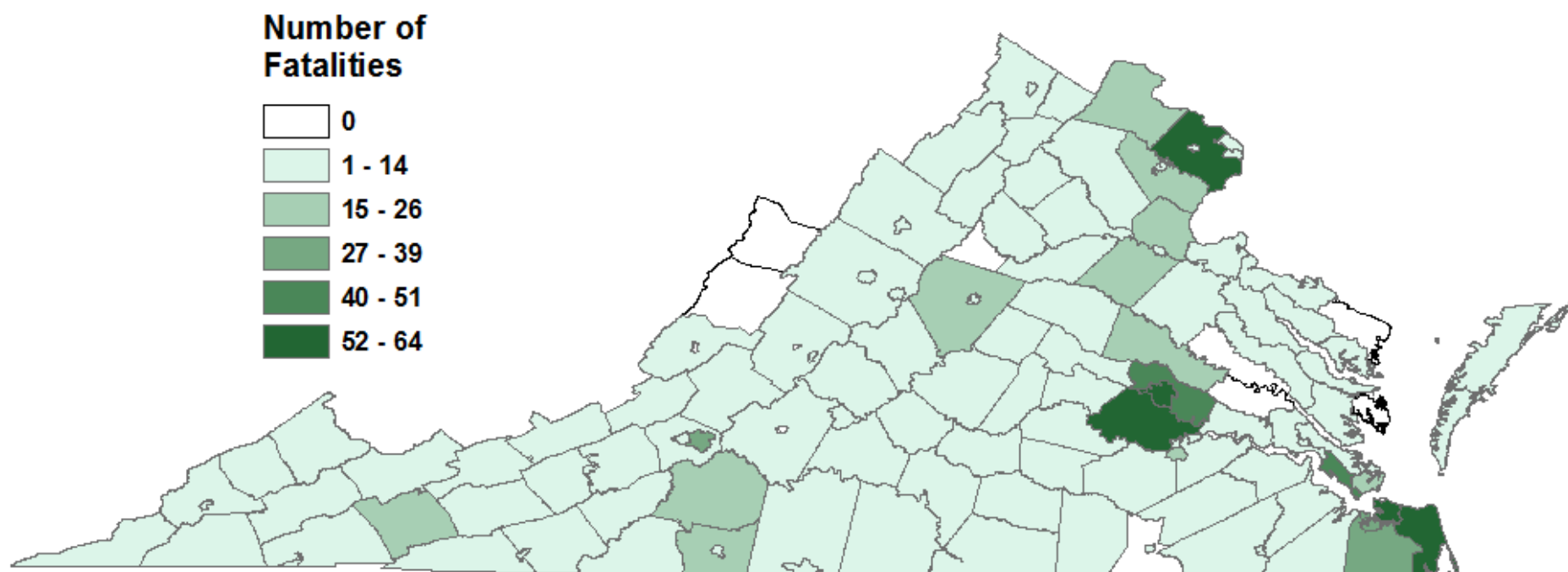
| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Floyd County | 4 | 25.4 |
| Fluvanna County | 3 | 10.9 |
| Franklin City | 1 | 12.8 |
| Franklin County | 16 | 28.5 |
| Frederick County | 6 | 6.6 |
| Fredericksburg City | 4 | 13.6 |
| Galax City | 4 | 63.5 |
| Giles County | 9 | 54.0 |
| Gloucester County | 2 | 5.3 |
| Goochland County | 5 | 20.5 |
| Grayson County | 1 | 6.5 |
| Greene County | 0 | 0.0 |
| Greensville County | 0 | 0.0 |
| Halifax County | 5 | 14.9 |
| Hampton City | 23 | 17.0 |
| Hanover County | 16 | 14.8 |
| Harrisonburg City | 3 | 5.6 |
| Henrico County | 45 | 13.5 |
| Henry County | 14 | 27.8 |
| Highland County | 0 | 0.0 |
| Hopewell City | 12 | 53.6 |
| Isle of Wight County | 3 | 8.0 |
| James City County | 6 | 7.7 |
| King and Queen County | 3 | 43.2 |
| King George County | 8 | 29.2 |
| King William County | 0 | 0.0 |
| Lancaster County | 5 | 47.1 |
| Lee County | 4 | 17.2 |
| Lexington City | 0 | 0.0 |
| Loudoun County | 14 | 3.3 |
| Louisa County | 7 | 18.4 |
| Lunenburg County | 3 | 24.5 |
| Lynchburg City | 9 | 11.0 |
| Madison County | 2 | 15.0 |
| Manassas City | 1 | 2.4 |
| Manassas Park City | 0 | 0.0 |
| Martinsville City | 4 | 32.4 |
| Mathews County | 0 | 0.0 |
| Mecklenburg County | 7 | 22.8 |
| Middlesex County | 4 | 37.8 |
| Montgomery County | 10 | 10.2 |

| Locality of Residence | Deaths | Rate |
|-----------------------|--------|------|
| Nelson County | 1 | 6.8 |
| New Kent County | 0 | 0.0 |
| Newport News City | 47 | 26.2 |
| Norfolk City | 56 | 23.1 |
| Northampton County | 2 | 17.1 |
| Northumberland County | 0 | 0.0 |
| Norton City | 1 | 25.1 |
| Nottoway County | 3 | 19.8 |
| Orange County | 3 | 8.0 |
| Page County | 2 | 8.4 |
| Patrick County | 6 | 34.3 |
| Petersburg City | 16 | 52.6 |
| Pittsylvania County | 12 | 20.1 |
| Poquoson City | 1 | 8.2 |
| Portsmouth City | 32 | 33.7 |
| Powhatan County | 3 | 10.0 |
| Prince Edward County | 3 | 13.0 |
| Prince George County | 5 | 12.9 |
| Prince William County | 20 | 4.2 |
| Pulaski County | 2 | 5.9 |
| Radford City | 1 | 5.5 |
| Rappahannock County | 3 | 41.3 |
| Richmond City | 64 | 27.6 |
| Richmond County | 1 | 11.0 |
| Roanoke City | 31 | 31.3 |
| Roanoke County | 7 | 7.4 |
| Rockbridge County | 6 | 26.4 |
| Rockingham County | 9 | 10.9 |
| Russell County | 6 | 22.5 |
| Salem City | 3 | 11.8 |
| Scott County | 8 | 37.0 |
| Shenandoah County | 8 | 18.2 |
| Smyth County | 15 | 49.9 |
| Southampton County | 3 | 17.0 |
| Spotsylvania County | 14 | 10.1 |
| Stafford County | 15 | 9.6 |
| Staunton City | 4 | 15.9 |
| Suffolk City | 10 | 10.6 |
| Surry County | 1 | 15.7 |
| Sussex County | 1 | 9.2 |
| Tazewell County | 6 | 14.8 |
| Virginia Beach City | 62 | 13.7 |
| Warren County | 4 | 9.9 |

| Locality of Residence | Deaths | Rate |
|--------------------------------|-------------|-------------|
| Washington County | 9 | 16.8 |
| Waynesboro City | 3 | 13.2 |
| Westmoreland County | 4 | 22.0 |
| Williamsburg City | 2 | 13.1 |
| Winchester City | 5 | 18.1 |
| Wise County | 3 | 8.1 |
| Wythe County | 7 | 24.5 |
| York County | 12 | 17.3 |
| <i>Subtotal (in-state)</i> | 1122 | 13.1 |
| Out of State | 68 | ND |
| Unknown | 5 | ND |
| <i>Subtotal (out-of-state)</i> | 73 | ND |
| TOTAL | 1195 | 13.9 |

Note: No denominator is represented by ND

Map 6.1 Number of Gun-Related Deaths by Locality of Residence, 2020



Map 6.2 Rates of Gun-Related Death by Locality of Residence, 2020

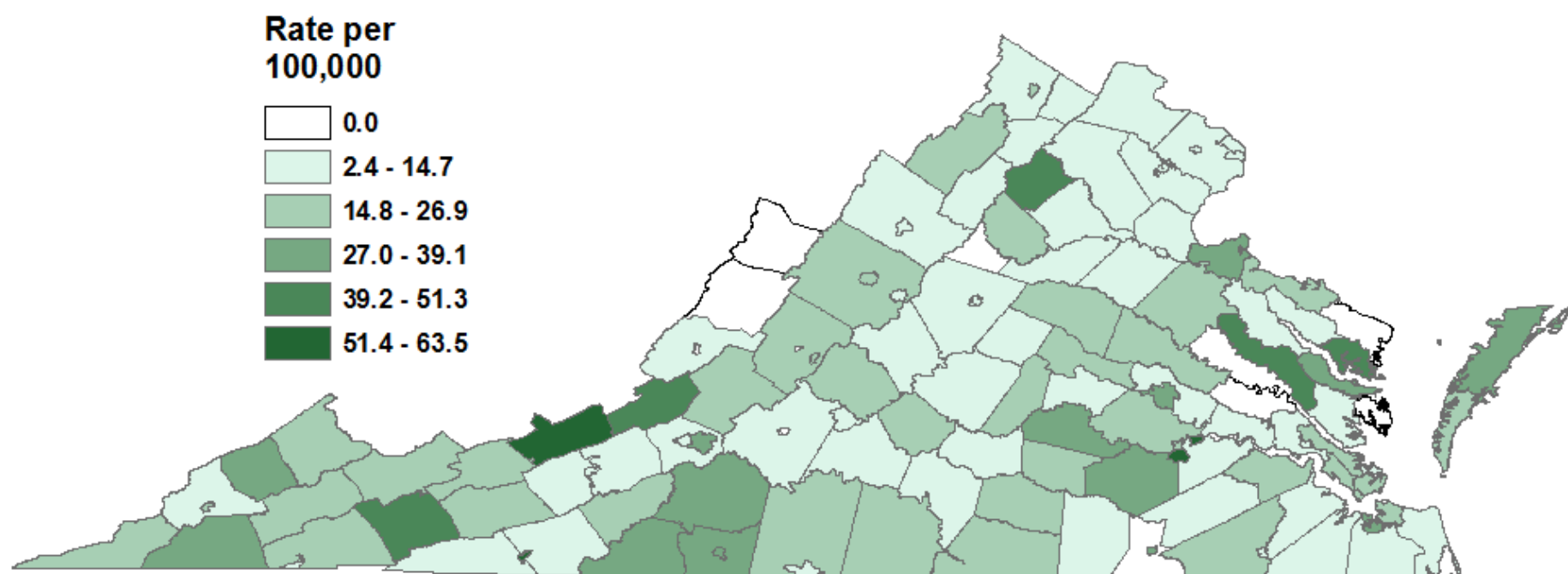


Table 6.4 Number and Rate of Gun-Related Deaths by Locality of Injury, 2020

| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Accomack County | 10 | 31.0 |
| Albemarle County | 18 | 16.3 |
| Alexandria City | 10 | 6.3 |
| Alleghany County | 3 | 20.4 |
| Amelia County | 4 | 30.7 |
| Amherst County | 4 | 12.6 |
| Appomattox County | 3 | 18.7 |
| Arlington County | 12 | 5.0 |
| Augusta County | 13 | 17.0 |
| Bath County | 0 | 0.0 |
| Bedford County | 13 | 16.3 |
| Bland County | 1 | 16.0 |
| Botetourt County | 6 | 17.8 |
| Bristol City | 2 | 11.5 |
| Brunswick County | 2 | 12.5 |
| Buchanan County | 4 | 19.4 |
| Buckingham County | 1 | 5.8 |
| Buena Vista City | 1 | 15.6 |
| Campbell County | 8 | 14.5 |
| Caroline County | 7 | 22.7 |
| Carroll County | 3 | 10.0 |
| Charles City County | 1 | 14.7 |
| Charlotte County | 1 | 8.5 |
| Charlottesville City | 6 | 12.8 |
| Chesapeake City | 31 | 12.6 |
| Chesterfield County | 45 | 12.6 |
| Clarke County | 2 | 13.7 |
| Colonial Heights City | 1 | 5.8 |
| Covington City | 1 | 17.7 |
| Craig County | 5 | 98.5 |
| Culpeper County | 2 | 3.7 |
| Cumberland County | 2 | 20.1 |
| Danville City | 6 | 15.0 |
| Dickenson County | 5 | 35.5 |
| Dinwiddie County | 7 | 24.4 |
| Emporia City | 3 | 57.1 |
| Essex County | 1 | 9.1 |
| Fairfax City | 0 | 0.0 |
| Fairfax County | 59 | 5.1 |
| Falls Church City | 1 | 6.8 |
| Fauquier County | 13 | 18.2 |
| Floyd County | 4 | 25.4 |
| Fluvanna County | 3 | 10.9 |

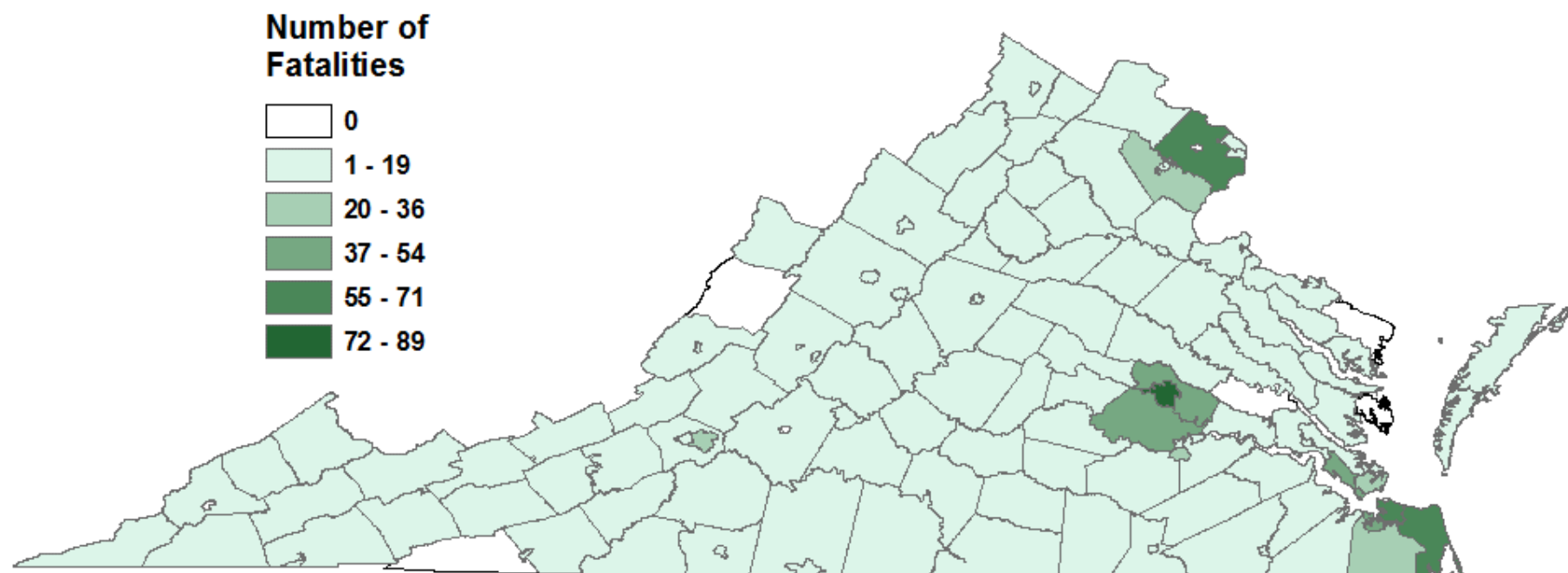
| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Franklin City | 2 | 25.5 |
| Franklin County | 17 | 30.3 |
| Frederick County | 14 | 15.4 |
| Fredericksburg City | 6 | 20.3 |
| Galax City | 3 | 47.6 |
| Giles County | 7 | 42.0 |
| Gloucester County | 2 | 5.3 |
| Goochland County | 5 | 20.5 |
| Grayson County | 0 | 0.0 |
| Greene County | 1 | 5.0 |
| Greensville County | 1 | 8.9 |
| Halifax County | 6 | 17.8 |
| Hampton City | 33 | 24.4 |
| Hanover County | 12 | 11.1 |
| Harrisonburg City | 2 | 3.8 |
| Henrico County | 39 | 11.7 |
| Henry County | 17 | 33.8 |
| Highland County | 1 | 45.5 |
| Hopewell City | 12 | 53.6 |
| Isle of Wight County | 4 | 10.6 |
| James City County | 6 | 7.7 |
| King and Queen County | 2 | 28.8 |
| King George County | 6 | 21.9 |
| King William County | 1 | 5.7 |
| Lancaster County | 5 | 47.1 |
| Lee County | 3 | 12.9 |
| Lexington City | 1 | 13.7 |
| Loudoun County | 16 | 3.8 |
| Louisa County | 6 | 15.7 |
| Lunenburg County | 3 | 24.5 |
| Lynchburg City | 8 | 9.8 |
| Madison County | 2 | 15.0 |
| Manassas City | 2 | 4.9 |
| Manassas Park City | 0 | 0.0 |
| Martinsville City | 2 | 16.2 |
| Mathews County | 0 | 0.0 |
| Mecklenburg County | 8 | 26.1 |
| Middlesex County | 5 | 47.3 |
| Montgomery County | 11 | 11.2 |
| Nelson County | 2 | 13.6 |
| New Kent County | 0 | 0.0 |
| Newport News City | 46 | 25.7 |
| Norfolk City | 67 | 27.6 |

| Locality of Injury | Deaths | Rate |
|-----------------------|--------|------|
| Northampton County | 2 | 17.1 |
| Northumberland County | 0 | 0.0 |
| Norton City | 0 | 0.0 |
| Nottoway County | 4 | 26.4 |
| Orange County | 3 | 8.0 |
| Page County | 2 | 8.4 |
| Patrick County | 7 | 40.0 |
| Petersburg City | 24 | 78.8 |
| Pittsylvania County | 11 | 18.4 |
| Poquoson City | 1 | 8.2 |
| Portsmouth City | 39 | 41.0 |
| Powhatan County | 4 | 13.3 |
| Prince Edward County | 2 | 8.7 |
| Prince George County | 5 | 12.9 |
| Prince William County | 22 | 4.6 |
| Pulaski County | 3 | 8.8 |
| Radford City | 1 | 5.5 |
| Rappahannock County | 2 | 27.5 |
| Richmond City | 89 | 38.3 |
| Richmond County | 1 | 11.0 |
| Roanoke City | 23 | 23.2 |
| Roanoke County | 9 | 9.5 |
| Rockbridge County | 8 | 35.2 |
| Rockingham County | 11 | 13.4 |
| Russell County | 7 | 26.3 |
| Salem City | 4 | 15.8 |
| Scott County | 9 | 41.6 |
| Shenandoah County | 6 | 13.7 |
| Smyth County | 13 | 43.2 |
| Southampton County | 3 | 17.0 |
| Spotsylvania County | 11 | 7.9 |
| Stafford County | 17 | 10.8 |
| Staunton City | 4 | 15.9 |
| Suffolk City | 8 | 8.5 |
| Surry County | 1 | 15.7 |
| Sussex County | 1 | 9.2 |
| Tazewell County | 5 | 12.3 |
| Virginia Beach City | 56 | 12.4 |
| Warren County | 2 | 4.9 |
| Washington County | 12 | 22.3 |
| Waynesboro City | 3 | 13.2 |
| Westmoreland County | 4 | 22.0 |
| Williamsburg City | 2 | 13.1 |

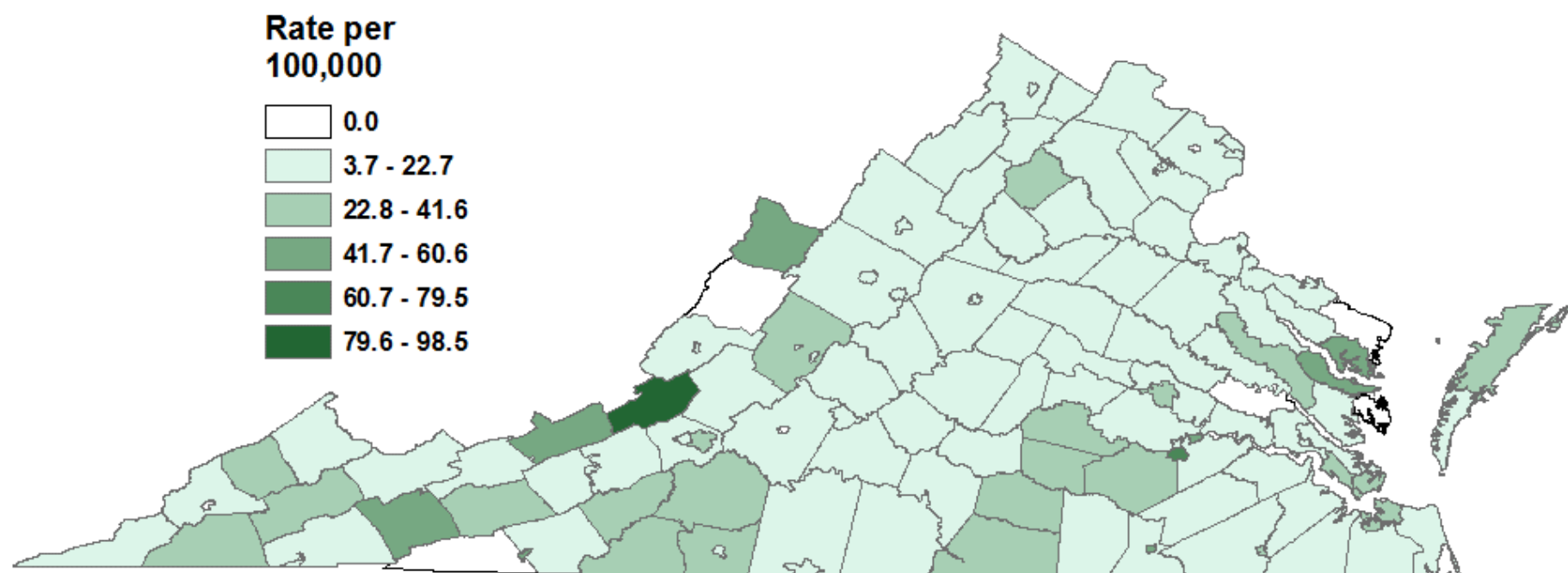
| Locality of Injury | Deaths | Rate |
|--------------------------------|-------------|-------------|
| Winchester City | 5 | 18.1 |
| Wise County | 5 | 13.4 |
| Wythe County | 8 | 28.0 |
| York County | 11 | 15.9 |
| <i>Subtotal (in-state)</i> | 1180 | 13.7 |
| Out of State | 9 | ND |
| Unknown | 6 | ND |
| <i>Subtotal (out-of-state)</i> | 15 | ND |
| TOTAL | 1195 | 13.9 |

Note: No denominator is represented by ND

Map 6.3 Number of Gun-Related Deaths by Locality of Injury, 2020



Map 6.4 Number of Gun-Related Deaths by Locality of Injury, 2020



SECTION 7: IN-CUSTODY (PRISONER) DEATHS (N=193)

Pursuant to § 32.1-283 of the Code of Virginia, the OCME investigates deaths of all persons in jail, prison, or other correctional institution, or in police custody. The OCME took jurisdiction of 193 in-custody deaths in 2020.

- The majority (79.3%) of in-custody deaths were natural deaths
- The majority of deaths were male (91.7%) and White (57.0%)

Figure 7.1 Number of In-Custody Deaths by Manner and Year of Death, 2007-2020

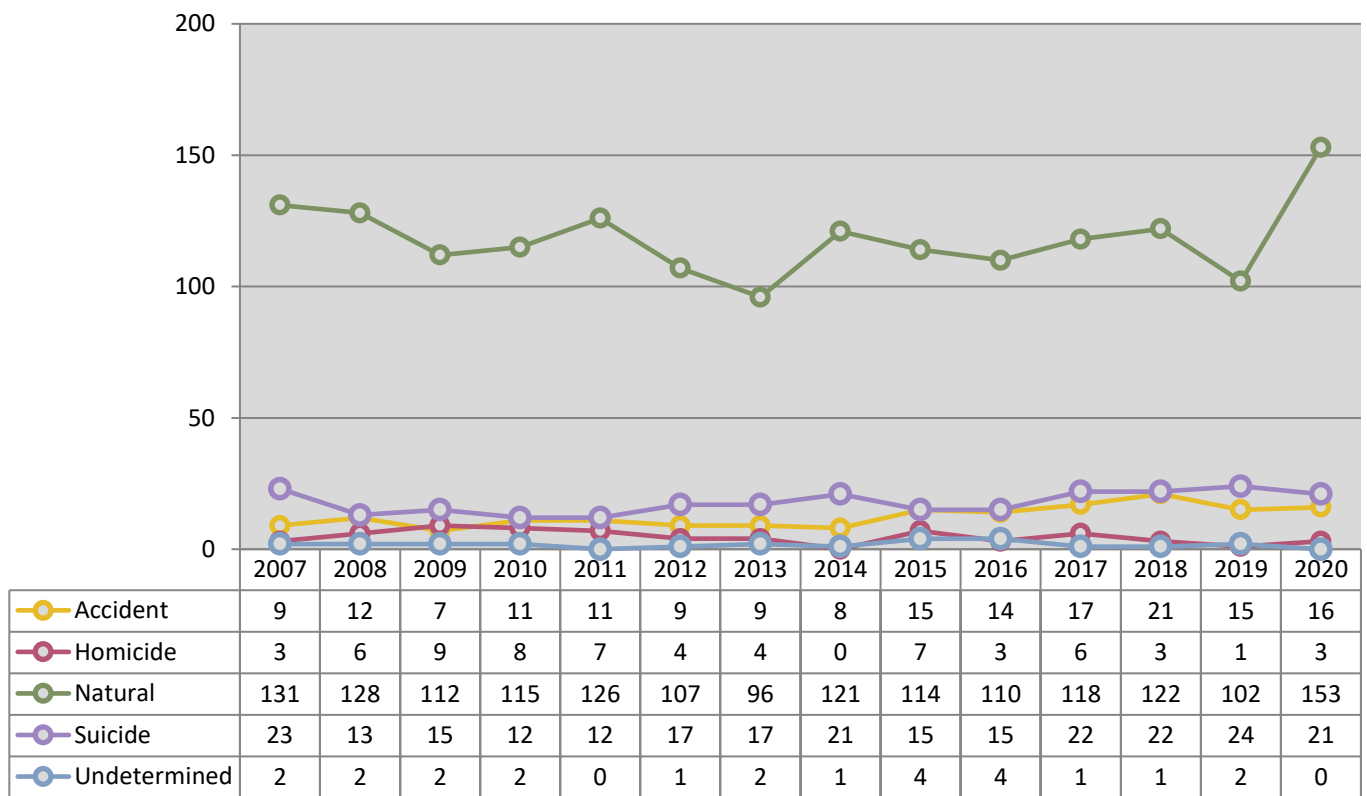


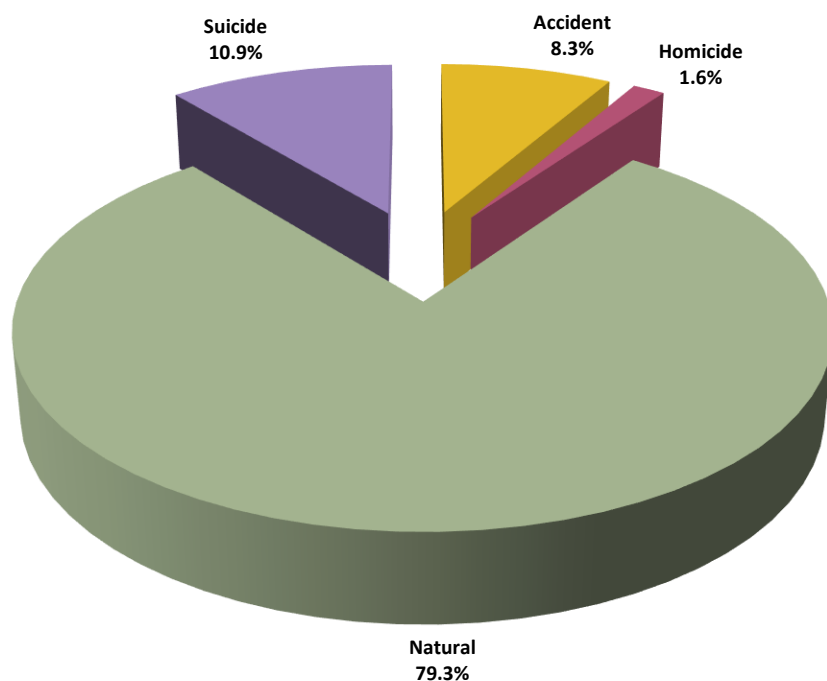
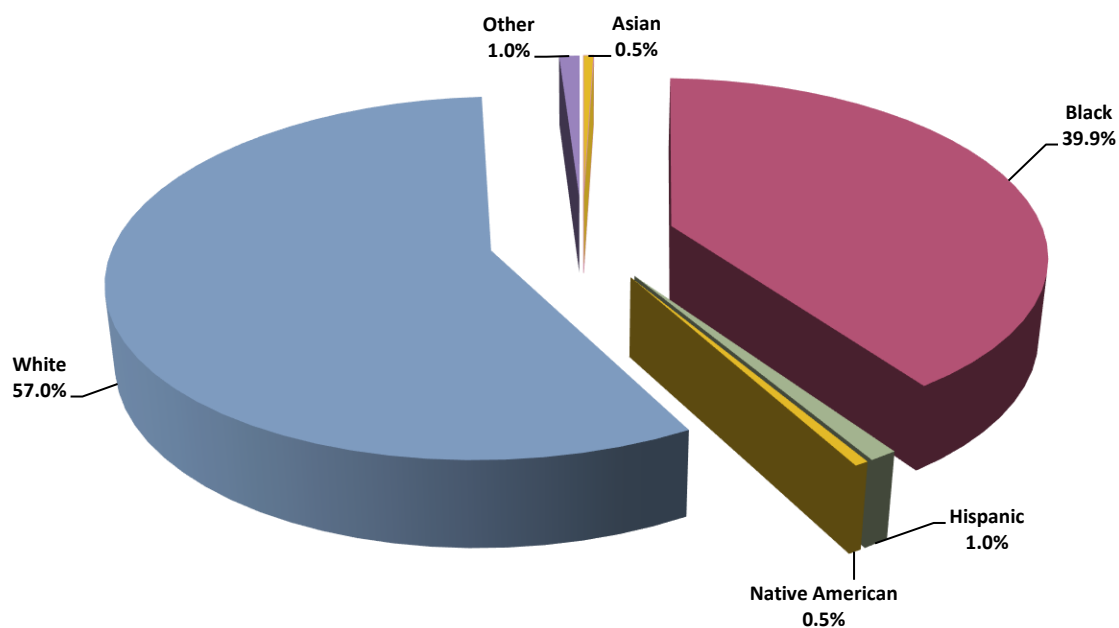
Figure 7.2 Percentage of In-Custody Deaths by Manner of Death, 2020**Figure 7.3 Percentage of In-Custody Deaths by Race/Ethnicity, 2020**

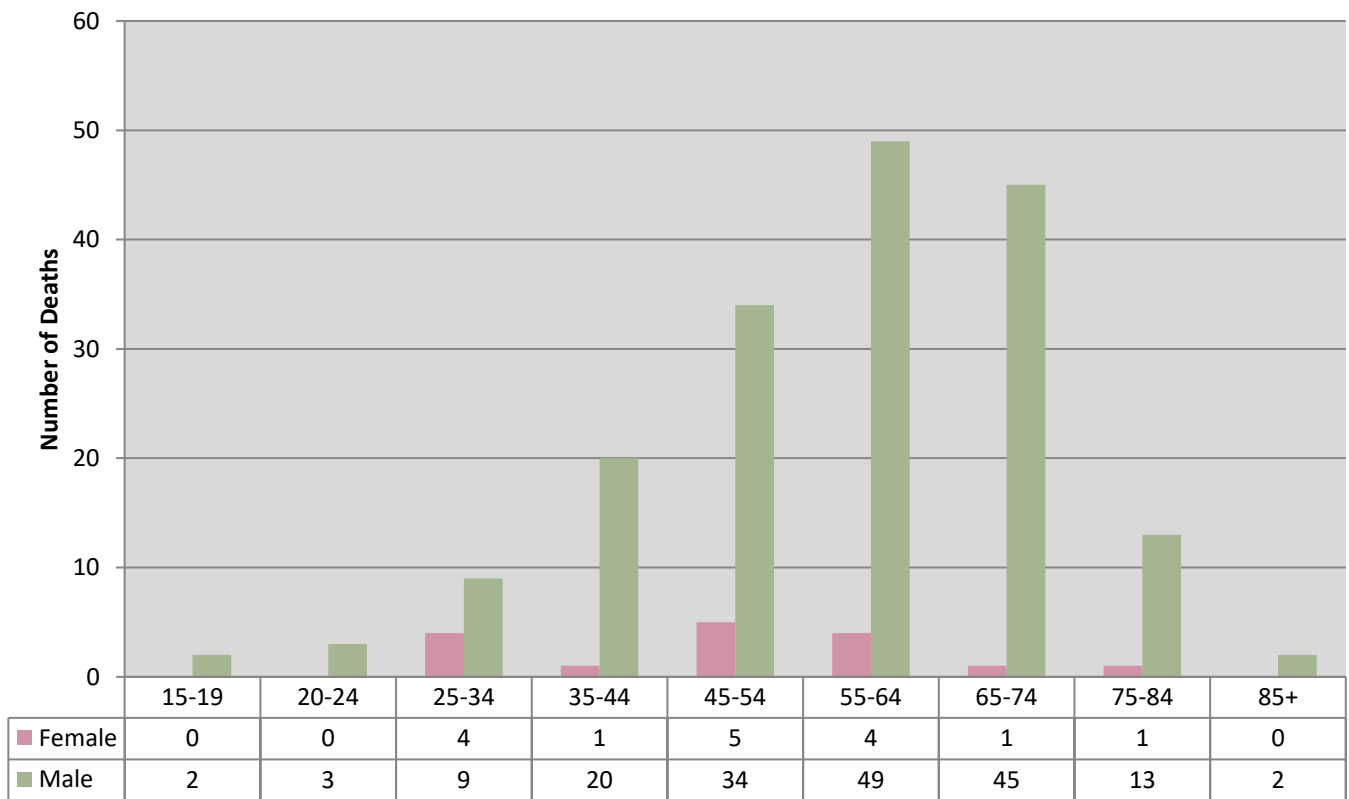
Figure 7.4 Number of In-Custody Deaths by Age Group and Gender, 2020

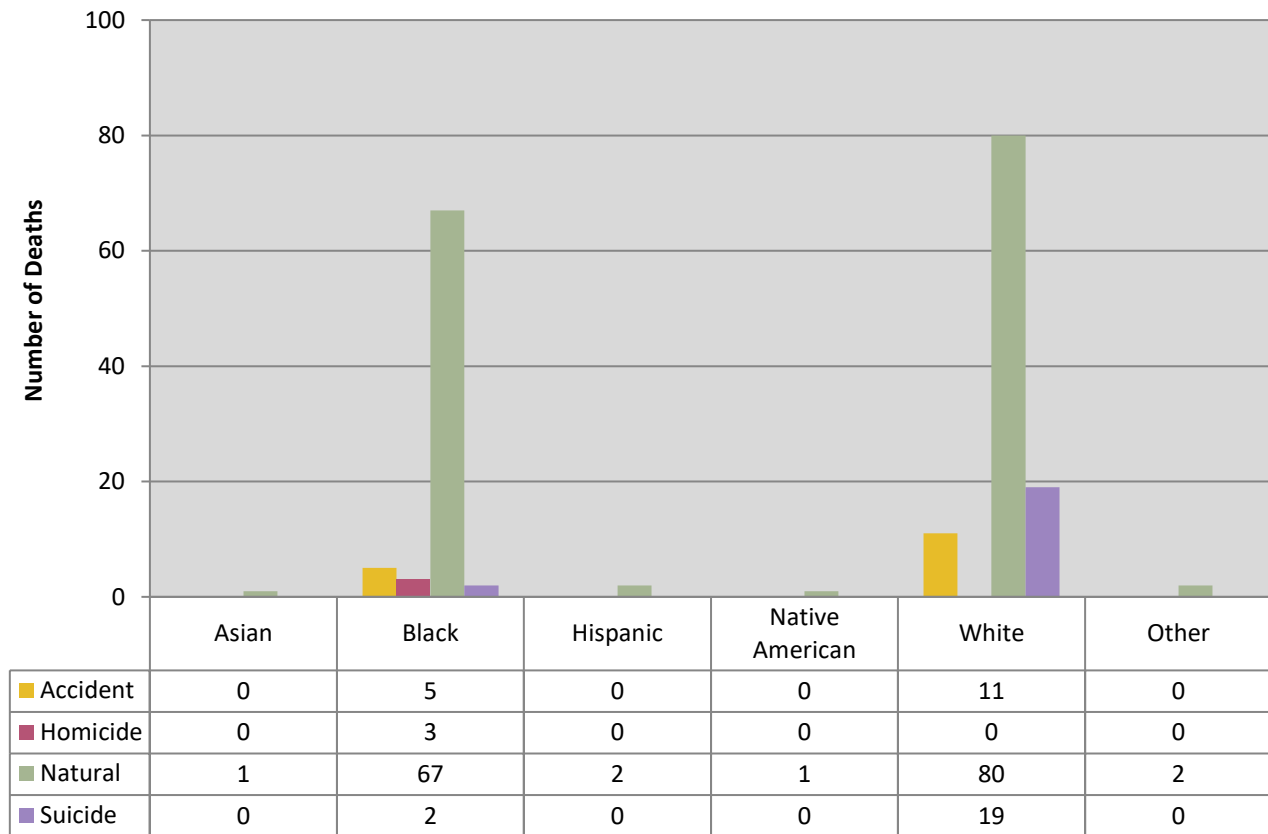
Figure 7.5 Number of In-Custody Deaths by Manner and Race/Ethnicity, 2020

Table 7.1 Number of In-Custody Deaths by Cause and Method of Death, 2020

| NATURAL DEATHS | Autopsied | Total Cases |
|--|------------------|--------------------|
| Cardiovascular Diseases/Disorders | | |
| Atherosclerosis | 3 | 9 |
| Atherosclerosis and hypertension | 16 | 16 |
| Cardiac arrhythmia not specified | 2 | 2 |
| Cardiomyopathy | 0 | 2 |
| Congenital defect | 1 | 1 |
| Hypertension | 5 | 6 |
| Central Nervous System Diseases/Disorders | | |
| Central nervous system malignancy | 0 | 1 |
| Meningitis (viral or bacterial) | 1 | 1 |
| Vascular disease | 1 | 3 |
| Gastrointestinal Diseases/Disorders | | |
| Cirrhosis | 0 | 2 |
| GI hemorrhage | 0 | 1 |
| GI Malignancy | 5 | 14 |
| Hepatitis | 0 | 2 |
| Other GI disease/disorder | 2 | 2 |
| Genitourinal Diseases/Disorders | | |
| Genitourinal malignancy | 6 | 9 |
| Other genitourinal disease/disorder | 2 | 2 |
| Pulmonary Disease/Disorders | | |
| Asthma | 1 | 1 |
| COPD | 1 | 1 |
| Emboli | 3 | 3 |
| Pneumonia | 1 | 33 |
| Pulmonary malignancy | 5 | 12 |
| Other pulmonary disease/disorder | 0 | 6 |
| Systemic Diseases/Disorders | | |
| Chronic alcoholism | 2 | 2 |
| Chronic drug abuse | 1 | 1 |
| Diabetes | 1 | 3 |
| Other infectious disease | 1 | 12 |
| Sepsis | 0 | 2 |
| Other systemic disease/disorder | 0 | 1 |
| Other Natural Death/Disorder | | |
| Other natural disease/disorder | 1 | 2 |
| <i>Natural Death Subtotal</i> | 61 | 152 |
| UNNATURAL DEATHS | | |
| Asphyxia | | |
| Hanged | 17 | 18 |
| Strangled/Neck compression | 1 | 1 |
| Other asphyxia | 0 | 1 |

| | | |
|--|------------|------------|
| Drug Use | | |
| Ingested and/or injected ethanol, illicit, prescription, and/or other type of drug | 13 | 13 |
| Gunshot Wound | | |
| Handgun | 1 | 1 |
| Rifle | 1 | 1 |
| Traumatic Injury | | |
| Beat by assailant(s) | 1 | 1 |
| Fall/jump from height | 2 | 2 |
| Sharp force injury | 1 | 1 |
| Vehicular | 2 | 2 |
| <i>Unnatural Death Subtotal</i> | 39 | 41 |
| TOTAL OCME DEATHS | 100 | 193 |

SECTION 8: STATE MENTAL HEALTH DEATHS (N=74)

Pursuant to § 32.1-283 of the Code of Virginia, the OCME investigates the death of any patient or resident of a state mental health facility. The OCME took jurisdiction of 74 state mental health resident deaths in 2020.

- The majority of state mental health deaths were natural (85.1%), White (70.3%) and male (74.3%)

Figure 8.1 Percentage of State Mental Health Deaths by Manner, 2020

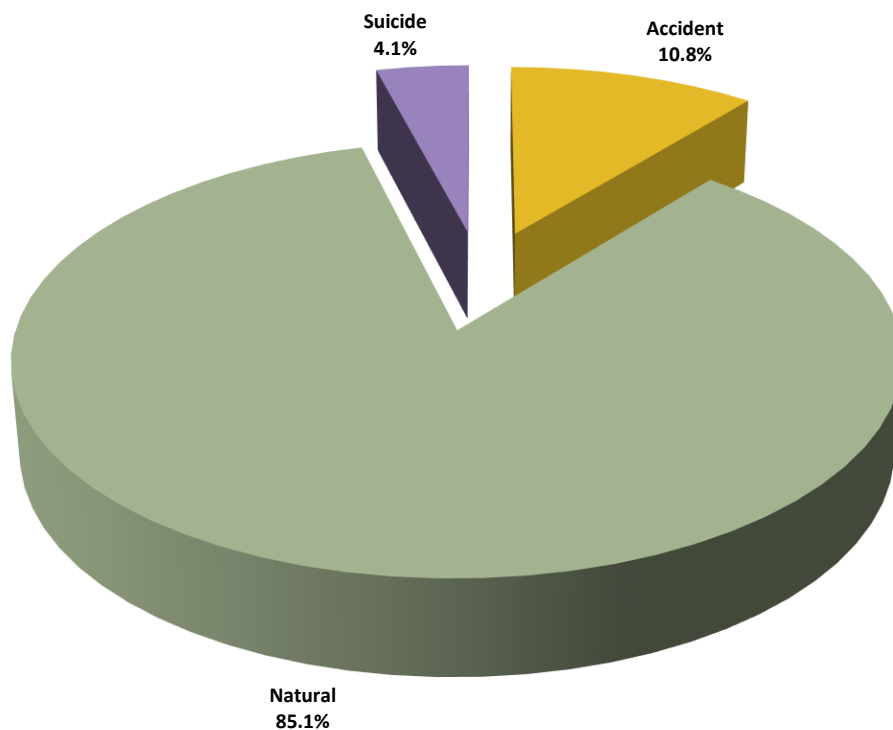


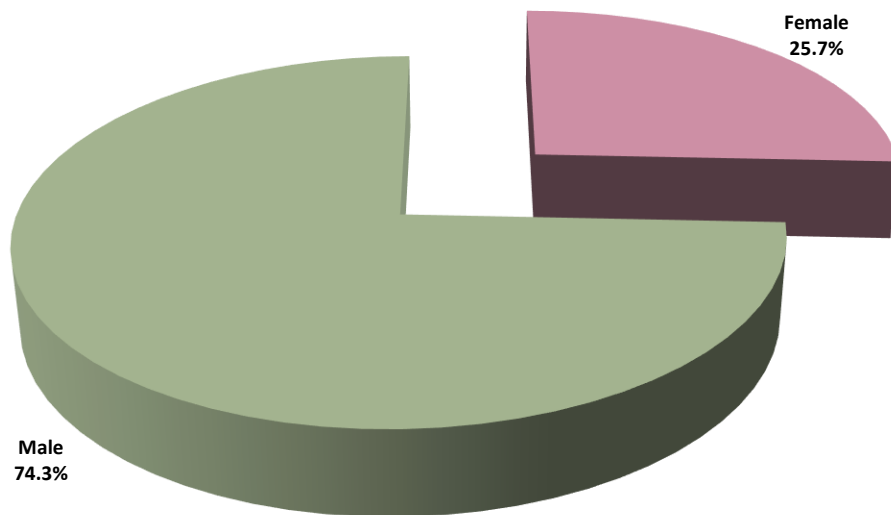
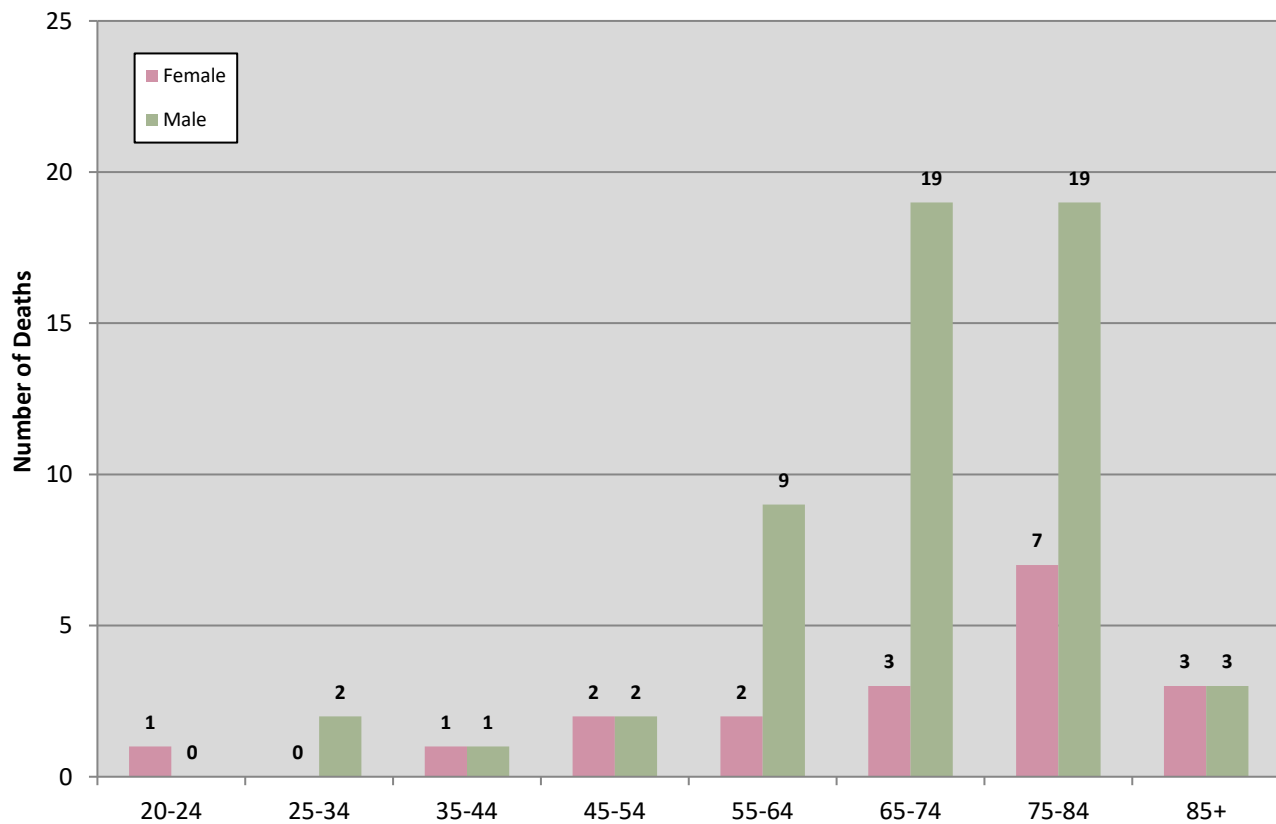
Figure 8.2 Percentage of State Mental Health Deaths by Race/Ethnicity, 2020**Figure 8.3 Number of State Mental Health Deaths by Age Group and Gender, 2020**

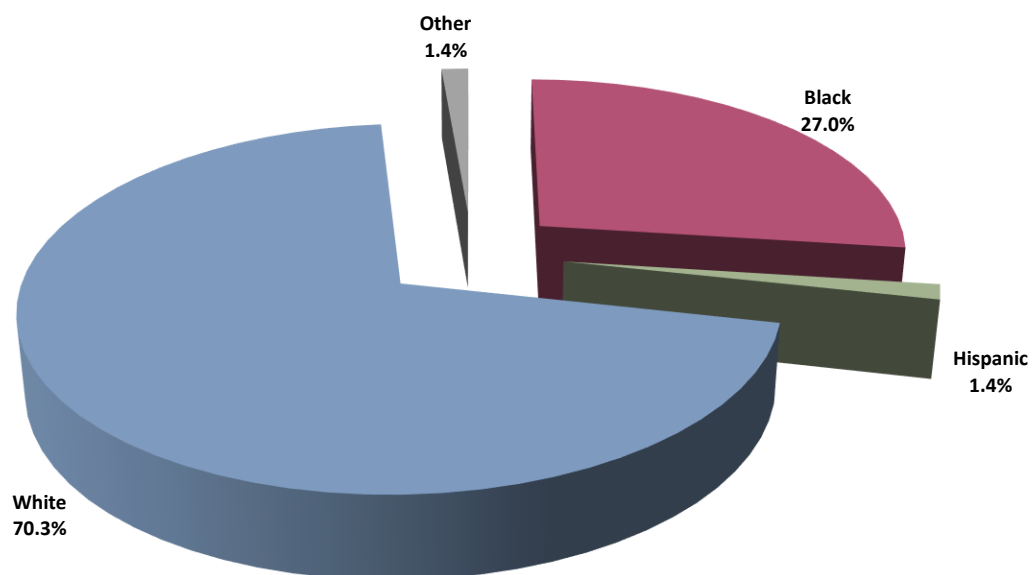
Figure 8.4 Percentage of State Mental Health Deaths Race/Ethnicity, 2020

Table 8.1 Number of State Mental Health Deaths by Cause and Method of Death, 2020

| Natural Deaths | Autopsied | Total Cases |
|--|------------------|--------------------|
| Cardiovascular Diseases/Disorders | | |
| Atherosclerosis | 2 | 5 |
| Atherosclerosis and hypertension | 3 | 4 |
| Hypertension | 1 | 2 |
| Central Nervous System Diseases/Disorders | | |
| Degenerative disease | 2 | 2 |
| Vascular disease | 1 | 2 |
| Other central nervous system disease/disorder | 0 | 1 |
| Gastrointestinal Diseases/Disorders | | |
| Cirrhosis | 1 | 1 |
| Gastrointestinal hemorrhage | 0 | 1 |
| Gastrointestinal malignancy | 1 | 1 |
| Other gastrointestinal disease/disorder | 1 | 2 |
| Genitourinal Diseases/Disorders | | |
| Renal disease | 2 | 3 |
| Pulmonary Disease/Disorders | | |
| COPD | 0 | 2 |
| Emboli | 2 | 2 |
| Pneumonia | 5 | 16 |
| Pulmonary malignancy | 1 | 2 |
| Other pulmonary disease/disorder | 1 | 2 |
| Systemic Disease/Disorders | | |
| Complications of dementia (including inanition) | 1 | 3 |
| Sepsis | 0 | 5 |
| Other infectious disease | 0 | 5 |
| Other systemic disease/disorder | 0 | 1 |
| Other Natural Death/Disorder | | |
| Other natural death/disorder | 0 | 1 |
| Natural Death Subtotal | 24 | 63 |
| Unnatural Deaths | Autopsied | Total Cases |
| Asphyxia | | |
| Hanged | 1 | 1 |
| Gunshot Wound | | |
| Handgun | 2 | 2 |
| Traumatic Injury | | |
| Fall/Jump | 4 | 8 |
| Unnatural Death Subtotal | 7 | 11 |
| TOTAL OCME DEATHS | 31 | 74 |

SECTION 9: RETROSPECTIVE CASES (N=99)

Retrospective cases are deaths that are unreported to the OCME at the time of death, but are discovered upon later review and are therefore investigated by the OCME retrospectively. At times, medical care providers or death reporters misunderstand what type of case falls under the jurisdiction of the OCME and do not refer a case to the OCME. The OCME typically learns about these cases from the Virginia Department of Health's Division of Vital Records, funeral homes, or local medical examiners.

Some of these 99 retrospective deaths may have been deaths that occurred in prior years, but the OCME investigation began in 2020.

- The majority of the OCME's retrospective deaths were accidents (74.7%)
- Falls were the most common unreported type of death (55.6%), nearly all occurring among elder persons

Figure 9.1 Percentage of Retrospective Deaths by Manner of Death, 2020

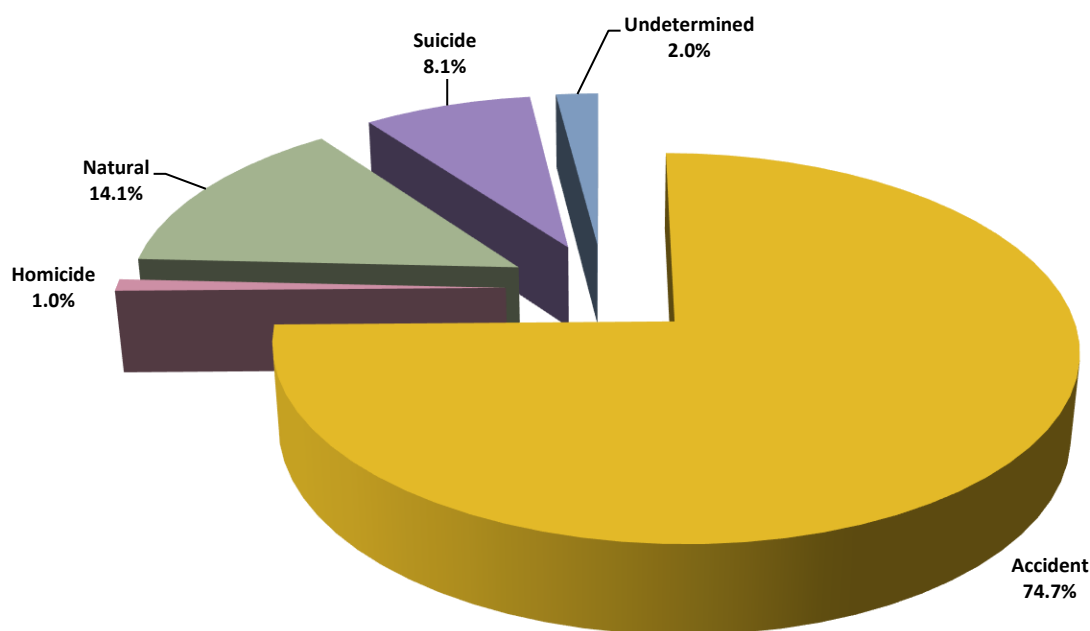


Table 9.1 Number and Percentage of Retrospective Deaths by OCME District, 2020

| OCME District | Number | Percent |
|---------------|-----------|---------------|
| Central | 15 | 15.2% |
| Northern | 34 | 34.3% |
| Tidewater | 18 | 18.2% |
| Western | 32 | 32.3% |
| Total | 99 | 100.0% |

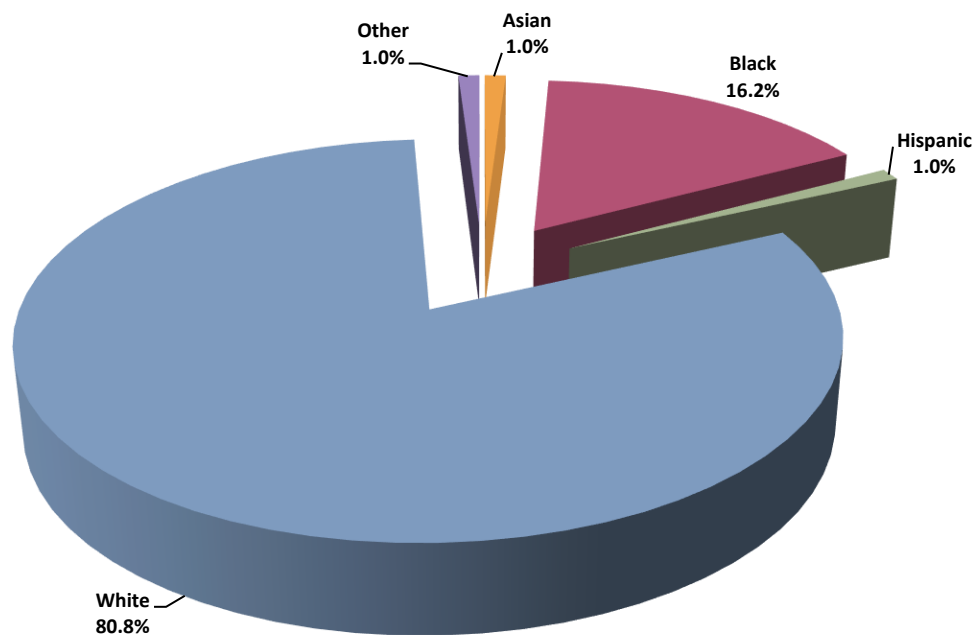
Figure 9.2 Percentage of Retrospective Deaths by Race/Ethnicity, 2020

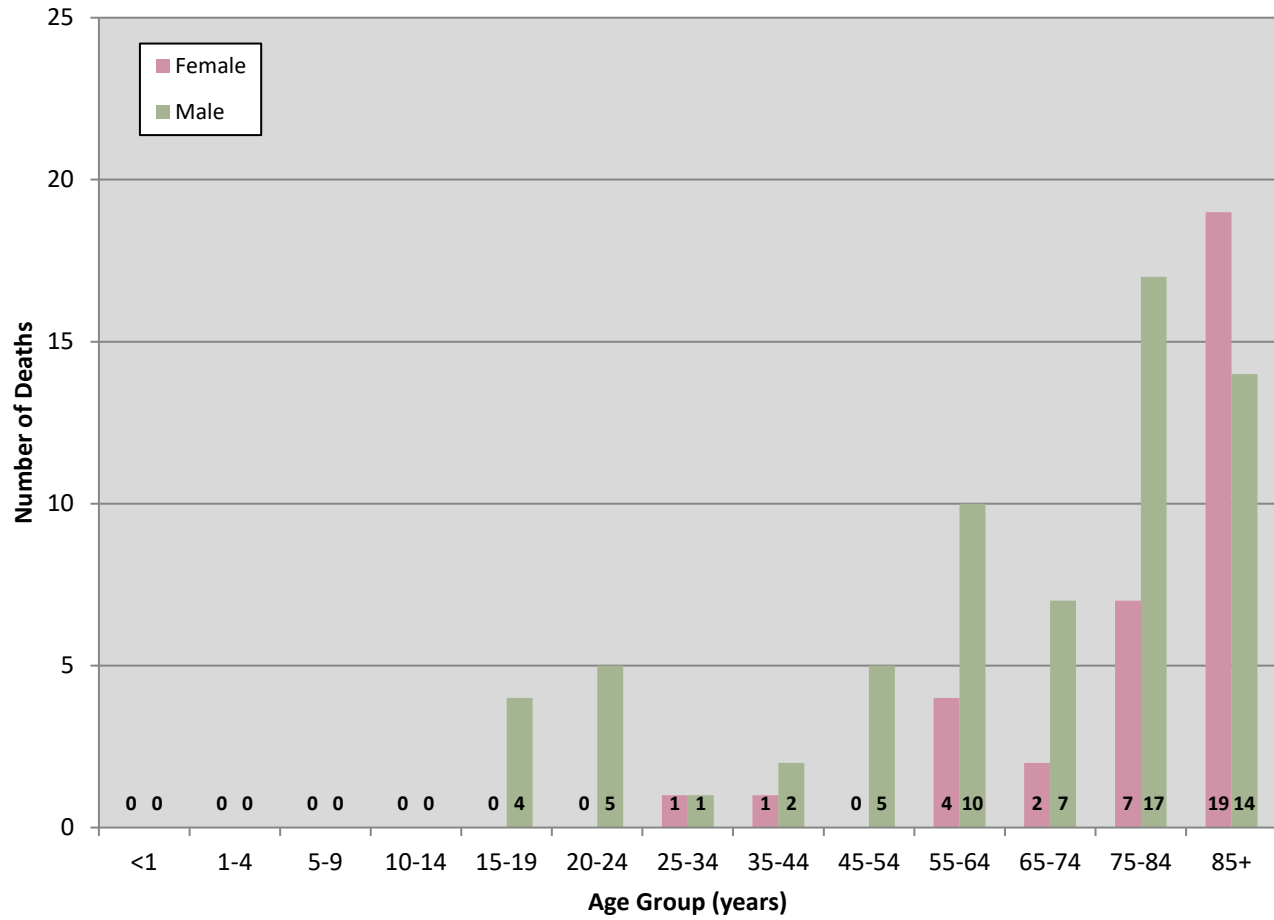
Figure 9.3 Number of Retrospective Deaths by Age Group and Gender, 2020

Table 9.2 Number of Retrospective Deaths by Cause and Method of Death, 2020

| Natural Deaths | Total Cases |
|--|--------------------|
| Cardiovascular Diseases/Disorders | |
| Atherosclerosis | 2 |
| Atherosclerosis and hypertension | 6 |
| Hypertension | 4 |
| Other cardiac disease/disorder | 1 |
| Central Nervous System Disease/Disorder | |
| Degenerative disease | 2 |
| Vascular disease | 1 |
| Pulmonary Diseases/Disorders | |
| COPD | 1 |
| Systemic Disease/Disorder | |
| Chronic alcoholism | 1 |
| Diabetes | 1 |
| Metastatic malignancy of unknown primary | 1 |
| Sepsis | 1 |
| Natural Death Subtotal | 21 |
| Unnatural Deaths | Total Cases |
| Asphyxia | |
| Choked (aspiration food or foreign object) | 1 |
| Hanged | 3 |
| Drug Use | |
| Ingested and/or injected ethanol, illicit, prescription, and/or other type of drug | 7 |
| Fall/Jump | |
| Fall from standing | 55 |
| Fire | |
| Thermal burns and/or inhalation of combustion products | 1 |
| Gunshot | |
| Gunshot wound | |
| Handgun | 1 |
| Shotgun | 1 |
| Unknown | 2 |
| Motor Vehicle | |
| Motor vehicle collision | 5 |
| Other Trauma | |
| Other trauma | 2 |
| Unnatural Death Subtotal | 78 |
| TOTAL OCME DEATHS | 99 |

Note: the OCME cannot perform an autopsy on retrospective cases because the remains have already been processed and the final disposition has already been completed

GLOSSARY

Accident – The *manner of death* used when there is no evidence of intent; an unintentional, sudden, and unexpected death.

Assistant Chief Medical Examiner – A forensic pathologist who has the duty of performing autopsies and investigating deaths that fall under the *jurisdiction* of the *Office of the Chief Medical Examiner*, and determining *cause* and *manner of death*.

Autopsy – A detailed postmortem external and internal examination of a body to determine cause and manner of death, collect evidence, and determine the presence or absence of injury.

Cause of Death – The disease, injury, or poison that results in a physiological derangement or biochemical disturbance that is incompatible with life. The result of post-mortem examination, including autopsy and toxicological findings, combined with information about the medical history of the decedent, serves to establish the *cause of death*.

Chief Medical Examiner – The head of the *Office of the Chief Medical Examiner*. The Chief Medical Examiner must be a forensic pathologist licensed to practice medicine in Virginia and may appoint *Assistant Chief Medical Examiners* who are forensic pathologists, and *Local Medical Examiners*.

Children – Individuals 17 years of age and younger.

Drug Caused Death – A death caused by a drug or combination of drugs.

Ethanol – An alcohol, which is the principal intoxicant in beer, liquor, and wine. A person with an alcohol concentration in blood of 0.08 percent by weight by volume (0.08%) is legally intoxicated in Virginia.

Ethanol Present – Deaths in which toxicological tests reveal a reportable level of *ethanol* (0.01% BAC or greater) at the time of death.

Homicide – The *manner of death* in which death results from the intentional harm of one person by another.

Jurisdiction – Pursuant to the Code of Virginia § 32.1-283, the code details the extent of the Office of the Chief Medical Examiner's authority over deaths:

'Upon the death of any person from trauma, injury, violence, poisoning, accident, suicide or homicide, or suddenly when in apparent good health, or when unattended by a physician, or in jail, prison, other correctional institution or in police custody, or who is an individual receiving services in a state hospital or training center operated by the Department of Behavioral Health and Developmental Services, or suddenly as an apparent result of fire, or in any suspicious, unusual or unnatural manner, or the sudden death of any infant less than 18 months of age whose death is suspected to be attributable to Sudden

Infant Death Syndrome (SIDS), the medical examiner of the county or city in which death occurs shall be notified by the physician in attendance, hospital, law-enforcement officer, funeral director or any other person having knowledge of such death.'

Local Medical Examiner – A physician, nurse practitioner, or physician assistant appointed by the *Chief Medical Examiner* for a city or county to assist in the investigation of deaths and determine *jurisdiction* and disposition of cases reported; additionally, to perform external examinations when required. There is a local medical examiner in most counties in Virginia.

Locality of Death – The county/city where the death occurred. The county/city where the decedent legally resided, the county/city where the decedent was fatally injured, and the county/city where the decedent died may be the same or different.

Locality of Event – The county/city where a person sustained the injury result eventually resulting in death.

Locality of Residence – The county/city where a person legally resides. If not a resident of Virginia, the decedent is listed as “out of state”.

Manner of Death – The general category of the circumstances of the event which causes the death. The categories are *accident, homicide, natural, suicide, and undetermined*.

Method of Death – The means, fatal agency or item causing death, present at the time of injury or death.

Motor Vehicle Collision Related Death – A death involving a motor vehicle. Motor vehicles include automobiles, vans, motorcycles, trucks, aircraft, and trains. The decedent is usually a driver of, a passenger in, or a pedestrian who is struck by a motor vehicle. The death of a bicyclist that is struck by a motor vehicle is considered to be a motor vehicle related death.

Natural – The *manner of death* used when a disease alone causes death. If death is hastened by an injury, the *manner of death* is not considered natural.

Office of the Chief Medical Examiner – The Office of the Chief Medical Examiner (OCME) lies within the Virginia Department of Health and is responsible for the investigation of sudden, violent, or unexpected death.

Opiate – A class of drugs derived from the opium poppy plant (*Papaver somniferum*). “Opioid” is often used interchangeably with opiates, and describes chemical/pharmaceutical narcotics that bind to the opiate receptors of the brain and work very similarly to opiates.

Stimulant – A class of drugs, including cocaine and oral amphetamines, whose principal action is the stimulation of the central nervous system.

Sudden and Unexpected Infant Death – A diagnosis designated for infants (children under the age of 1 year). Sudden and Unexpected Infant Death (SUID) is a diagnosis made in cases in which autopsy does not reveal a definitive medical or traumatic cause of death and the circumstances surrounding the death suggest that there is an associated risk factor for dying, such as unsafe bedding or co-sleep, or some other external factor, but the contribution of this factor cannot be determined with certainty. The diagnosis may also be used in the situation where a medical disease is identified, but it is uncertain that this disease caused death.

Sudden Infant Death Syndrome –Sudden Infant Death Syndrome (SIDS) is defined as the sudden death of an infant that cannot be explained after a thorough investigation is conducted, including a complete autopsy, examination of the death scene which includes no external risk factors, and review of the clinical history.

Suicide – The *manner of death* in which death results from the purposeful attempt to end one's life.

Undetermined – The *manner of death* for deaths in which there is insufficient information to assign another manner. An undetermined death may have an undetermined cause of death and an unknown manner, an undetermined cause of death and a known manner, or a determined cause of death and an unknown manner.

View- A detailed postmortem external examination of the decedent's body, clothing, and injuries that may have caused or contributed to their death.

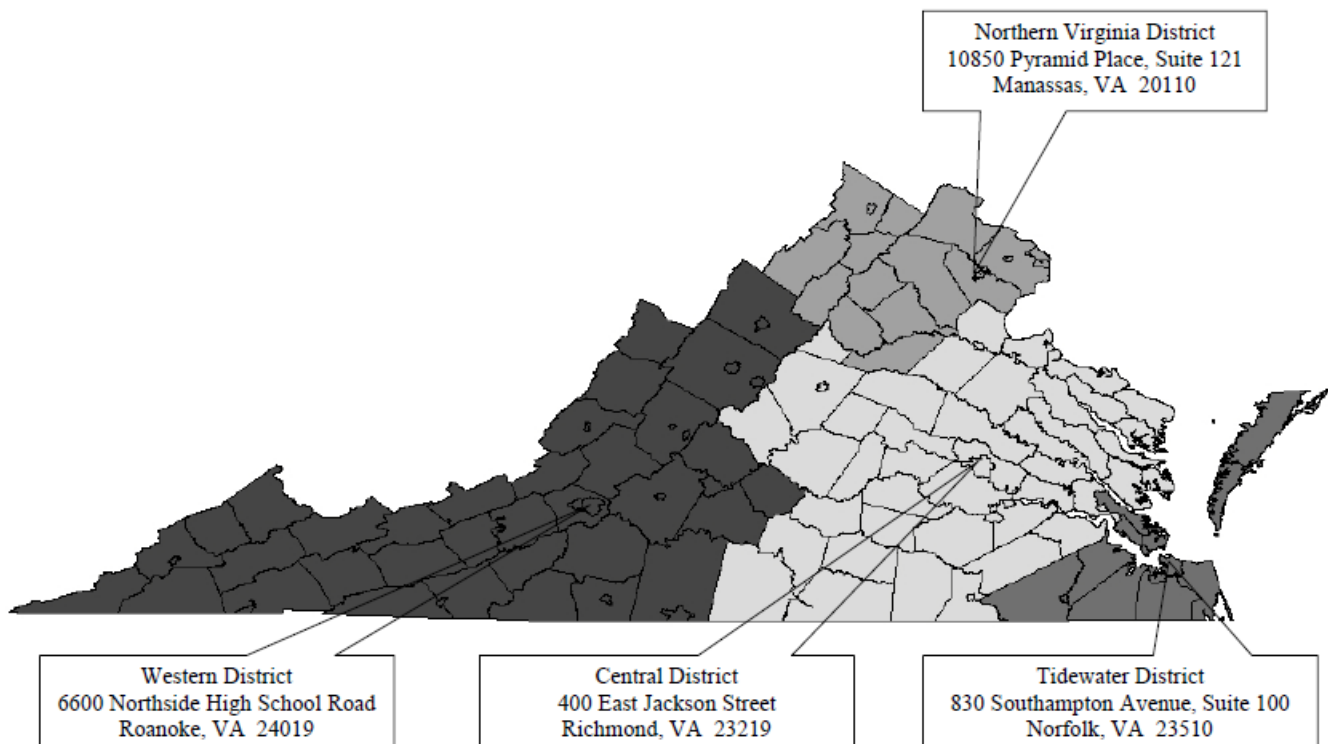
MEDICAL EXAMINER DISTRICTS

CENTRAL *Counties* of Albemarle, Amelia, Brunswick, Buckingham, Caroline, Charles City, Charlotte, Chesterfield, Cumberland, Dinwiddie, Essex, Fluvanna, Gloucester, Goochland, Greene, Greenville, Halifax, Hanover, Henrico, James City, King and Queen, King George, King William, Lancaster, Louisa, Lunenburg, Mathews, Mecklenburg, Middlesex, Nelson, New Kent, Northumberland, Nottoway, Powhatan, Prince Edward, Prince George, Spotsylvania, Stafford, Surry, Sussex, Richmond, and Westmoreland. *Cities* of Charlottesville, Colonial Heights, Emporia, Fredericksburg, Hopewell, Petersburg, Richmond, and Williamsburg.

NORTHERN *Counties* of Arlington, Clarke, Culpeper, Fairfax, Fauquier, Frederick, Loudoun, Madison, Orange, Page, Prince William, Rappahannock, Shenandoah, and Warren. *Cities* of Alexandria, Fairfax, Falls Church, Manassas, Manassas Park, and Winchester.

TIDEWATER *Counties* of Accomack, Isle of Wight, Northampton, Southampton, and York. *Cities* of Chesapeake, Franklin, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, and Virginia Beach.

WESTERN *Counties* of Alleghany, Amherst, Appomattox, Augusta, Bath, Bedford, Bland, Botetourt, Buchanan, Campbell, Carroll, Craig, Dickenson, Floyd, Franklin, Giles, Grayson, Henry, Highland, Lee, Montgomery, Patrick, Pittsylvania, Pulaski, Roanoke, Rockbridge, Rockingham, Russell, Scott, Smyth, Tazewell, Washington, Wise, and Wythe. *Cities* of Bristol, Buena Vista, Covington, Danville, Galax, Harrisonburg, Lexington, Lynchburg, Martinsville, Norton, Radford, Roanoke, Salem, Staunton, and Waynesboro.



OCME Annual Reports from 2004 to 2020 are available online at:

<http://www.vdh.virginia.gov/medical-examiner/annual-reports/>

Commonwealth of Virginia

Virginia Department of Health

Office of the Chief Medical Examiner

400 E. Jackson Street

Richmond, VA 23219

(804) 786-3174

